TO ALL MEMBERS OF THE BOARD OF REGENTS

SUBJECT: WSU Pullman, Plant Growth Facilities - Phase 2, Schematic Design

PROPOSED: That the Board of Regents approve the schematic design documents for the Plant Growth Facilities - Phase 2 project.

SUBMITTED BY: Roger Patterson, Vice President for Finance and Administration

SUPORTING INFORMATION: Plant science research at WSU is recognized internationally and is one of WSU’s major areas of excellence. However, this reputation is threatened because a major portion of WSU’s plant science support infrastructure, greenhouse and controlled environments are over 50 years old. The control systems are dated, the plumbing and electrical utilities are old, the physical and biological security is poor and the facilities are energy inefficient and expensive to operate. Research conducted in these facilities is critical to WSU in support of the agricultural industries of the state, in maintaining preeminence in the international agricultural research, and to educate more students in this science. The need is great for new facilities capable of supporting innovative teaching and research with greater precision, efficiency and security.

In Phase 2, the university is constructing a plant growth facility of 34,000 gross square feet with space partitioned into a number of independently controllable greenhouse areas that will allow excellent plant growth under various environmental conditions (light intensity and quality, temperature, humidity, etc.). The facility would also contain common work rooms, designated threshing areas, and growth chamber areas.

On October 4, 2013, the Board of Regents authorized the Plant Growth Facilities – Phase 2 project to proceed to design and construction using the Design-Build process with a project budget not to exceed $10 million. Proprietary meetings were held with each of the Design-Build teams, culminating in final presentations of their design proposals to a selection committee. The winning...
Design-Build Team was Hoffman Construction and THA Architects. The proposed site is depicted below. A copy of the proposed design is appended as Attachment A.

**Project Schedule:**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regents approval for design and construction</td>
<td>October 2013</td>
</tr>
<tr>
<td>Design</td>
<td>Feb - May 2014</td>
</tr>
<tr>
<td>Construction</td>
<td>May - Dec 2014</td>
</tr>
</tbody>
</table>
Location of Project Building
Rendering of Project Building
Building Elevation
Level 2- Twelve 12 Greenhouses
Level 1- Headhouse Space
Developed Potting Room
Potential Future Development Plan
Building Supports Potential Future Development Plan
Building Elevation