

ACTION ITEM #3
WSU Pullman, Plant Growth Facilities - Phase 2,
Design and Construction
(Roger Patterson/Olivia Yang)

TO ALL MEMBERS OF THE BOARD OF REGENTS

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

PROPOSED: That the Board of Regents approve the Plant Growth Facilities Phase 2 project with a total budget not to exceed \$10,000,000, and authorize the project to proceed to design and construction, using the Design-Build (DB) process pursuant to RCW 39.10 and further delegate authority to the President or his designee to select a Design-Build contractor and enter into any and all contracts necessary to complete the project within the budgeted amount.

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

SUPPORTING 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 physic 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 this second phase, the university is requesting 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 approximately 50 growth chambers, including both walk-in and reach-in chambers, which are needed

to increase the precision and flexibility of plant growth conditions and for special research purposes.

This new building fits into the WSU-Pullman Campus Master Plan with its planned location in the East Campus Research District (**Attachment A**).

Project Schedule:

| | |
|--|---------------|
| Regents approval to use Design-Build services and approval of project budget | October 2013 |
| Contract signed | January 2014 |
| Seek Regents approval of schematic design | January 2014 |
| Begin preliminary site demolition and preparation | March 2014 |
| Begin construction | April 2014 |
| Construction complete | December 2014 |
| Facility opens | January 2015 |

Project Budget:

| | |
|--|---------------------|
| Construction (including contingency & sales tax) | \$8,624,000 |
| Professional Services | 767,200 |
| Project Management | 466,800 |
| Other | <u>142,000</u> |
| Total Project Budget | <u>\$10,000,000</u> |

Source of Funds:

| | |
|----------------------------------|---------------------|
| Washington Grain Commission Gift | \$5,000,000 |
| Cereal Royalties | <u>5,000,000</u> |
| Total Source of Funds | <u>\$10,000,000</u> |

Attachment A



Board of Regents

WSU Pullman, Plant Growth Facilities - Phase 2,
Design and Construction

Resolution #131004-460

WHEREAS, the Board of Regents of Washington State University by virtue of RCW 28B.10.528 has authority to delegate by resolution to the President of the University, or designee, powers and duties vested in or imposed upon the Board by law and to enable the President, or designee to act on behalf of the Board of Regents in matters relating to the administration and governance of the University.

RESOLVED: That the Board of Regents approve the Plant Growth Facilities Phase 2 project with a total budget not to exceed \$10,000,000, and authorize the project to proceed to design and construction, using the Design-Build (DB) process pursuant to RCW 39.10 and further delegate authority to the President or his designee to select a Design-Build contractor and enter into any and all contracts necessary to complete the project within the budgeted amount.

Dated this 4th day of October, 2013.

Chair, Board of Regents

Secretary, Board of Regents