

Sauk Valley Community College
January 24, 2022

Action Item 4.7

Topic: **Contract Approvals – Precision Agriculture Upgrades**

Strategic Direction: **Goal 1 – Increase Access to Educational Opportunities**

Presented By: **Dr. David Hellmich and Dr. Jon Mandrell**

Presentation:

Precision Agriculture is a management strategy that gathers, processes and analyzes temporal, spatial and individual data and combines these data with other information to support management decisions according to estimated variability for improved resource use efficiency, productivity, quality, profitability and sustainability of agricultural production. The Sauk Valley Community College Agriculture Program farms 77 acres between the on-campus plots and the shared plot with Dixon High School. In consultation with its advisory council and industry partners, Sauk’s Agriculture Department has a strategy to focus production on the use of precision agriculture technology. Sauk’s students will have hands-on learning opportunities utilizing technology and data-driven analysis for both organic and conventional production, helping to prepare them for leadership roles in production technology and sustainability.

The Precision Agriculture kit for the College’s 2018 John Deere 6145M Cab Tractor will be purchased and installed through Prairie State Tractor LLC (an authorized John Deere Dealer) of Dixon for a quoted price of \$32,880.70, which includes the first year of subscription services. The Precision Planting kit for the College’s John Deere planter will be purchased and installed through Wolf Farms Precision of Dixon for a quoted price of \$25,185.50. The kits for the tractor and planter allow for integration as part of a precision farming solution. The precision agriculture upgrades will be paid for with Agriculture Funds held by the Sauk Valley College Foundation.

Illinois Public Community College Act (110 ILCS 805) and SVCC Board Purchasing Policy (305.01) permit non-competitive contracts when servicing equipment through an authorized service agent, purchasing data processing equipment or software and when good and services are economically procurable from only one source.

Recommendation:

The administration recommends the Board approve the contract for purchase and installation of (1) the Precision Agriculture kit for the College’s 2018 John Deere 6145M Cab Tractor with Prairie State Tractor LLC of Dixon for a quoted price of \$32,880.70 and (2) the Precision Planting kit for the College’s John Deere planter with Wolf Farms Precision of Dixon for a quoted price of \$25,185.50 to be funded through Agriculture Funds held with the Sauk Valley College Foundation.