



SDSU - PRECISION AGRICULTURE

In early 2016, the Clark Enersen Partners was selected, in association with a local South Dakota architectural firm, to assist with the programming, site selection, and conceptual design of the Precision Agriculture project at South Dakota State University (SDSU). Precision Agriculture is a new major offered at SDSU seeking to train the engineers and plant scientists that will create the next generation of technologically advanced farming equipment. The new major will be the first of its kind in the nation, integrating agricultural engineering, plant science, computer programming, and global positioning technologies to increase agricultural efficiency and productivity. The new building will fulfill three critical objectives as part of an ambitious plan within the College of Agriculture and Biological Sciences: 1.) Create a new home for the Precision Agriculture Major; 2.) Replace, modernize and expand the existing Agriculture Engineering facility; and 3.) Expand and modernize critical research laboratory space for Plant Science.

The program currently includes over 35,000 net square feet of wet research laboratory and support space, and over 33,000 net square feet of industrial research and teaching support space. All plant science teaching laboratories and the plant science teaching greenhouses will also be included in the new structure. This area will include teaching laboratories for Soils, Plant Pathology, and Crop Production all situated with direct visual and physical access to a state-of-the-art 6,700-square-foot teaching greenhouse and head house. The total project scope stands at over 100,000 net square feet with a budget target of \$55 million.

LOCATION: Brookings, South Dakota

PROJECT TYPE:

Veterinary + Agricultural Sciences

SERVICES: Architecture

Programming + Planning

Additional Photography

