



Gary R. Herbert
Governor

Utah State Building Board

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Salt Lake City, Utah 84114
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MEMORANDUM

To: Utah State Building Board
From: Jeff Reddoor
Date: December 7, 2016
Subject: **Utah State University: Approval for Design and Construction of a Dairy Barn (NonState Funded)**
Presenter: Ben Berrett, Director of Construction for Utah State University

Recommendation

Jeff Reddoor recommends the Board approve a request for Utah State University to design and construct a new dairy barn. This is a Non-State Funded request.

Background

The University's current dairy barn is 35 years old and near the end of its useful life. It is equipped with outdated milking machines using outdated technology. Additionally, the waste is subject to rainfall and storm water adding a burden to the lagoon system since the current facility is not fully enclosed.

The 25,280 square-foot fully enclosed pre-engineered steel building will house two robotic milking stations, a milk processing room, a robotic manure scraping system to reduce the burden on the lagoon system, and a robotic feed management system that can accommodate and provide space for 124 dairy cows. In addition to the dairy functions, the building will feature two offices, restrooms, and a utility room.

Attachments:
Funding Certification Letter
Proposed Building Plan

November 29, 2016

Jeff Reddoor, Building Board Manager
State Building Board
State Office Building Room 4110
PO Box 141160
Salt Lake City, Utah 84114-1284

Subject: Funding Commitment and Project Approval for the Dairy Barn, a non-state funded project

Dear Jeff:

Utah State University desires approval for a Dairy Barn, a non-state funded project, located at the Caine Dairy in Wellsville, Utah.

The University's current dairy barn is 35 years old, near the end of its useful life, and equipped with outdated milking machines using outdated technology. Additionally, the waste is subject to rainfall and storm water adding a burden to the lagoon system since the current facility is not fully enclosed.

The 25,280 square-foot fully enclosed pre-engineered steel building will house two robotic milking stations, a milk processing room, a robotic manure scraping system to reduce the burden on the lagoon system, and a robotic feed management system that can accommodate and provide space for 124 dairy cows. In addition to the dairy functions, the building will feature two offices, restrooms, and a utility room.

Investing in robotic operations, will allow students the opportunity to gain hands-on experience with the most up-to-date technology and will provide resources to the public through the University's extension role. No funds will be requested from the State for operations and maintenance.

It is anticipated that construction and related soft costs will be approximately \$1,250,000. The project and ongoing operation and maintenance costs will be funded by Agriculture Experiment Station commodity revenues.

We appreciate your support and ask that you report this item to the Building Board during the December meeting. This request has been approved by the Board of Trustees and Board of Regents.

Sincerely,



Stan L. Albrecht
President



David T. Cowley
Vice President for Business & Finance



**NEW
BARN**

**EXISTING
BARN**

DAIRY BARN