

**AGENCY REQUEST FOR
A/E SELECTION COMMITTEE ACTION
May 2016**

Agency: Department of Corrections

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Location: Waupun Correctional Farm, Dodge County

Project Request: The A/E will provide pre-design through construction administration services associated with the farm infrastructure and facilities improvements at the Waupun Farm as indicated in the DFD “*Policy and Procedure Manual for Architects/Engineers and Consultants*”, the “*Guide for Developing Program Statements for Projects Requiring Enumeration*”, and the DFD “*Contract for Professional Services* as directed by DFD at the Design Kickoff meeting. The services may be contracted for in multiple contracts, or a multi-part contract with project-specific review/ approval/ authorization points in the contract, as determined by the needs of the project. Authorization for subsequent services will be issued in writing upon satisfactory performance and completion of contracted services and deliverables.

Project Number: 16D1E

Project Background and Purpose: The Waupun Farm operates and maintains the dairy operation with approximately seventy-five minimum security inmates under supervision of DOC security and civilian staff. The dairy herd includes approximately 750 Holstein cows, heifers and calves. Raw milk is supplied to the Waupun Dairy in Waupun and used to produce a variety of dairy products for consumption in Wisconsin and Minnesota Correctional Institutions and other state facilities on a daily basis. The Waupun Farm has not been able to consistently meet milk supply demands during certain times of year, especially summer.

A Master Plan including facilities evaluation and environmental code compliance at the Waupun Farm was completed in 2014 by a consultant team including the University of Wisconsin School of Veterinary Medicine and UW-Extension staff. The findings included the following:

- Some animal areas are located on bare soil or gravel and do not have waste collection or treatment.
- The volume of available manure storage is not sufficient and land application or unconfined manure stacking is typically required during the winter.
- Feed storage bunkers are not equipped with leachate collection systems or waste treatment areas.
- Animal housing is not adequate in size for animal rest and comfort
- Some animal housing facilities are structurally deficient.
- The manure handling and storage and feed storage leachate collection and treatment are not compliant with environmental codes.
- Animal housing is not adequate for animal comfort causing stress and reducing milk production.

Project Description: The project will address environmental code compliance and animal housing at the Waupun Farm. Work will include the following:

- Construct a new concrete 3 million gallon waste storage structure
- Modify the existing 1 million gallon manure storage structure
- Replace failing/leaking manure reception pits/tanks
- Construct a concrete scrape alley in Barn 2
- Construct a new leachate collection system and lift station with associated pumps, piping, electrical and controls
- Construct a new transition cow barn housing up to 160 cows with manure reception pit/tank
- Renovate existing freestall barn including stall hardware and mattresses
- Construct a new calf barn
- Construct a new shop/tractor shed
- Construct extra bunker storage/pad for feed

AE Requirements

The AE will have specific expertise in NRCS design and construction requirements for manure storage and handling facilities and dairy herd housing. AE will also have experience obtaining DNR and county permits for animal waste facilities. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and include proposed consulting partners and specialty consultants. Specific services include:

- Site surveys, including locations of existing underground structures and utilities
- Investigation of geotechnical conditions
- Verification of facility size, location and orientation
- Assistance with DNR and Dodge County permitting agents regarding the design and capacity of the manure storage, and handling facilities
- Design new animal housing to meet commercial building code
- Prepare a Design Report and preliminary plans and specifications for the improvements
- Prepare plans, specifications, estimate and documents through construction documents
- Provide construction observation and reports per NRCS requirements in addition to DFD requirements
- Obtain permits as applicable.

Project Schedule

A/E Selection	May 2016
Design Report	October 2016
Project Approval	December 2016
Bid Opening	April 2017
Construction Start	July 2017
Substantial Completion	July 2018

Project Budget

Construction	\$
Design	\$
Contingency	\$
DFD Management	\$
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Total Project Budget	\$3,160,000

Site Security

The AE team and contractor must become familiar with and abide by Waupun Farm procedures for entering and exiting the farm and for bringing any equipment or tools into the location.