

CAPITAL PROJECTS DETAIL

244 North Dakota Forest Service

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Capital Project			
Nursery Freezer Conversion and Shop Facility			
	Total Project Cost	Request/Optional	Recommendation
		785,000	785,000
	General Fund	785,000	785,000
	Federal Funds	0	0
	Special Funds	0	0
	Bonding	0	0

Is this a multiennium project? No No of Biens: 1 Est. Costs 785,000

Future Increased Costs Associated with Project Approval							
	2013-2015	2015-2017	2017-2019		2013-2015	2015-2017	2017-2019
Salaries and Wages	0	0	0	FTE	0.00	0.00	0.00
Operating Expenses	0	0	0				
Equipment > \$5,000	0	0	0	General Fund	0	0	0
IT Equipment > \$5,000	0	0	0	Federal Funds	0	0	0
Special Lines	0	0	0	Special Funds	0	0	0
Total	0	0	0	Total	0	0	0

Project Specifications

The Forest Service capital project request includes \$785,000 for the Nursery Freezer and Shop Facility at Towner State Nursery. The project addresses critical freezer storage for tree seedlings and provides a heated shop. Each spring, the nursery lifts approximately 1 million bare root seedlings, but lacks adequate storage for the seedlings. The project increases freezer storage capacity from 120,000 to 500,000 trees and allows early spring shipment of seedlings to meet customer demands. The project constructs a new steel building 50 feet wide and 160 feet long with a concrete floor. The building will contain a freezer (50' x 110') and a heated shop (50' x 50'). Freezer storage will expand fall harvesting of seedlings to avoid winter injury, increases production, improves species availability, and allows for earlier spring transplanting of tree seedlings. A heated shop provides for servicing, reconditioning and fabricating specialized nursery equipment. Specifics of new construction include: planning, permits and insurance - \$80,000; land and building preparation - \$30,000; construction - \$600,000; equipment - \$10,000; institutional work - \$5,000; and contingency - \$60,000.

Cost Benefit Analysis

The construction of the new Nursery Freezer and Shop facility addresses critical freezer storage needs for tree seedlings and provides a heated shop. There are no other viable options for shared storage and shop space with other agencies or departments because of the remote location and specialized tree production function of the Towner State Nursery.