WISCONSIN DEPARTMENT OF VETERANS AFFAIRS

2011-2013 BIENNIAL CAPITAL BUDGET

Enumerated Projects

September 2010

Prepared by:

Office of Policy, Planning and Budget

TABLE OF CONTENTS

2011-2013 Summary Chart - Major/Enumerated Project Requests
Wisconsin Department of Veterans Affairs

Agency	Location	Project	Agency Priority	Total Project Budget	GFSB	PRSB	Funding Notes
2011-2013 Major Project Requests							
WDVA	DOA's State Preservation Facility	State Preservation Facility – WVM Storage, Shelving and Equipment	1	$ 4,070,700	$ 4,070,700	$ -	
WDVA	King Veterans Home	Bariatric Elevators, Elevator Electrical and Fire Suppression Upgrades	1	$ 4,563,000	$ 1,597,050	$ 2,965,950	WDVA will submit a grant application to the USDVA State Homes Construction Grant Program for funding. When awarded the federal grant will fund up to 65% of construction, which will replace the PRSB
2011-2013 Major Project Total				**$ 8,633,700**	**$ 5,667,750**	**$ 2,965,950**	

Project Request
Wisconsin Veterans Museum Capital Equipment
Joint Preservation Storage Facility

Agency: **Wisconsin Department of Veterans Affairs**
Location: **Central Wisconsin Center Campus, Madison**
Project: **Joint Preservation Storage Facility**

Project Description

This capital equipment project will purchase the shelving, racks, file cabinets and equipment (equipment) required for the safe handling, storage and preservation of manuscripts, collections and archival materials of the Wisconsin Veterans Museum in the Joint Preservation Storage Facility (JPSF).

The JPSF is currently in the design phase under the direction of the Department of Administration (DOA) working with Wisconsin Department of Veterans Affairs (WDVA) and the State Historical Society (SHS). This enterprise solution will meet the State's historical and archival preservation and storage needs. The new facility will house historical manuscripts and books, archival materials, museum artifacts and collections from both departments. The facility is to be located on two lots, approximately ten acres, within the Central Wisconsin Center (CWC), Madison Campus at 402 Troy Drive and 4201 Green Avenue, Madison, Wisconsin.

It is estimated that the Wisconsin Veterans Museum (WVM) will occupy 22,142 square feet of the facility. Of that space, approximately 11,800 square feet (SF) with a ceiling height up to 20 feet will be allocated to the storage of the museum's collections and library archives. The high ceilings more than double the cubic feet of storage space compared to storage at its current location. Flexible and adaptable storage systems with ease of access and retrieval of stored materials will be specified to meet the changing and growing needs of the WVM. Storage systems for the WVM Library and Museum will use bulk rack, shelving with drawers, art racks, wall racks, and plan files.

Project Justification

The new State Preservation Facility which will provide clean environmentally controlled spaces for the receiving, handling and proper storage of the museum collections of the WVM and the SHS. This capital budget project will provide the equipment necessary for the safe handling, storage and preservation of manuscripts, archival materials and collections of the Wisconsin Veterans Museum (WVM) in the new facility.

The Veteran's Museum was established in 1901 as a memorial to the civil war and subsequent wars. For 90 years, the Museum was located at the State Capital Building occupying 6,000 SF. Since 1993 it has been housed in its current location at 30 West Mifflin Street, on the Capitol Square. The museum's exhibit and storage spaces have grown considerably over the last 15 years and now occupy more than 32,000 SF in the 22 and 30 West Mifflin Street buildings. The current estimated value of artifacts, displays and collections of the WVM museum exceeds $8 million.

Project Request
Wisconsin Veterans Museum Capital Equipment
Joint Preservation Storage Facility

Lack of space has caused the WVM to become more selective in acquisitions, thus turning away potential valuable acquisitions. The WVM estimates that storage and processing space needs will double in the upcoming ten years due to an increase in weapons collections and the need to increase processing space to accommodate the preparation of large objects.

Recent moisture and leaking problems related to the 30 W. Mifflin St. building envelope have threatened the security of WVM collections. And internally, HVAC piping failures have resulted in leaks above the suspended ceiling with damage to museum archival storage and shelving systems.

Project Budget			**Funding Source**		**Total**
Storage System		$2,565,900	GFSB	100%	$4,070,700
Contingency	10%	256,600	PRSB*		
WVM Equipment		376,100	PR Cash		
Collection Preparation & Moving		768,400	Grants		
			Gifts		
WVM 50% Shared Equipment		103,700	Other		
Total Estimated Budget		**$4,070,700**	**Total Estimated Budget**		**$4,070,700**

Project Schedule
(as provided by DOA)

Program Approval	August 2009
AE Selection	January 2010
Design Report Completed	September 2010
Construction Contracts	March 2011
Start of Construction	June 2011
Substantial Completion	September 2012
Commissioning Completion	January 2013
Commencement of Move	February 2013
Completion of Move	January 2014

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Operating Budget Impact

The Wisconsin Veterans Museum Capital Equipment Purchase Project is anticipated to have no impact on the operating budget of the Wisconsin Department of Veterans Affairs and Wisconsin Veterans Museums, based on the proposed source of funding: General Fund Supported Borrowing.

Project Request
Wisconsin Veterans Museum Capital Equipment
Joint Preservation Storage Facility

Previous Building Commission Action

2005 Wisconsin Act 25 - Project approved for enumeration at $15,000,000 GFSB funding for the construction of a shared storage facility for the State Historical Society and Wisconsin Veteran's Museum. The funding would be available for release after July 1, 2007. This recommendation did not address non-GFSB funding sources.

2007 Wisconsin Act 20 - Project approved for additional enumeration of $10,000,000 PRSB for a Preservation and Storage Facility in Dane County. Total Project from all funding sources is $25,000,000.

2007 Wisconsin Act 20 – Approved for the enumeration of $3,250,000 GFSB for the State Historical Society, Department shelving for the Preservation and Storage Facility in Dane County.

Agency: **Wisconsin Department of Veterans Affairs**
Location: **Wisconsin Veterans Home-King**
Project: **Elevator Fire Suppression, Electrical Upgrades and Expansion**

Project Scope

This project is to upgrade 16 elevators and 9 elevator equipment rooms to achieve compliance with National Fire Protection Association (NFPA) Life Safety Codes with the installation of fire protection systems and associated smoke detectors in all elevators and 9 elevator equipment rooms, the installation of a clean agent fire extinguishing system in 9 electrical equipment rooms, and the replacement of existing elevator controls in all elevators

A feasibility study will explore the viability of various options to resolve elevators and waiting area overcrowding at Olson and Stordock Halls including, but not limited to, the construction of new passenger elevator(s), enlargement of the existing elevator shaft and installation of larger cars, and improvements to allow the freight elevators to be rated for passenger use, followed by design and construction to increase the elevator capacity and safety, employing the most viable option.

Project Justification

The Veterans Home at King (the Home) provides skilled nursing care services for up to 721 eligible veterans and their dependent spouses. Its four residence halls, Ainsworth Hall, Stordock Hall, MacArthur Hall and Olson Hall, along with the John R. Moses Central Services Building and the Marden (Activities) Center, have a total of: thirteen passenger elevators; three freight elevators; and nine machine rooms. When these buildings were constructed between 1966 and 1983, fire sprinklers were not required in elevators and equipment rooms. Only the freight elevator equipment room in MacArthur Hall, completed in 2005, is equipped with a fire suppression system.

As a result of the above, the Home is out of compliance with National Fire Protection Association (NFPA) Life Safety Codes and has been cited for these violations by the Division of Quality Assurance (DQA), Department of Health Service and has until the year 2013 to be in full compliance with the code.

Upgrades to existing elevator controls will be incorporated to improve the safety and reliability of operation and return the elevators to an appropriate level of exit discharge in case of a fire or malfunction. Due to their age all but the new elevator require frequent maintenance. More than $40,000 was spent on elevator repairs in fiscal year 2010. The skilled nursing members and staff relying heavily on the safe and dependable operation of these units and upgrades are of crucial importance.

Olson and Stordock Halls (built in 1966 and 1968, respectively) are 5-story skilled nursing buildings with 200 beds (50 beds per floor, second to fifth floors). Each building has two relatively small, 4000 lb capacity passenger elevators with interior dimensions of 60” x 96” serving the building from the lower level to 5th floor. There have been significant challenges with congestion at the elevators, particularly at mealtime when 100-130 residents use the

elevators to get to the first floor dining room and return to the nursing units after each meal. This is also an issue when large activity events are held in the dining room. Waiting for an elevator is a significant issue among residents at the Home.

More than 40 years have passed since their construction and elevator space needs have swelled due primarily to an increase in the number of residents using mobility devices. A majority of the residents utilize some type of mobility device to include: wheelchairs, electric wheelchair, scooters, and walkers. Each of these devices takes considerably more space on an elevator than an ambulatory resident. A maximum of two devices can fit on each elevator at one time along with a couple ambulatory residents.

Also, as our bariatric population increases, more bariatric wheelchairs and scooters are in use, which occupy even more floor and elevator space. The limited elevator space has created issues with residents getting bumped by scooters and electric wheelchairs while in the elevators or waiting to board. As a result the lobbies and elevators are crowded and the wait is extended, both of which can cause tension between residents. There have also been incidents of resident conflict both on the elevator and in the lobby amongst those anxious to get back to their nursing units after mealtime.

This project proposes a feasibility study to explore the viability of various options to expand elevator square footage and resolve the overcrowding at Olson and Stordock Halls elevators including, but not limited to, the construction of new passenger elevator(s), enlargement of the existing elevator shaft and installation of larger cars, and improvements to allow the freight elevators to be rated for passenger use. This elevator space expansion from the lower level to 5th floor will increase operational safety and efficiency, and alleviate overcrowding.

A feasibility study will explore the viability of various options to resolve the elevator and waiting areas overcrowding including, but not limited to, the construction of new passenger elevator(s), enlargement of the existing elevator shafts and installation of larger cars, and improvements to allow the freight elevators to be rated for passenger use. The study will examine engineering aspects, cost, viability and staff operational needs of each option.

Project Budget			**Total**		
Construction		$3,463,000	GFSB	35%	$1,597,050
Hazardous Materials		0	PRSB*	65%	2,965,950
Total Construction		3,463,000	PR Cash		
Contingency	8 %	277,100	Gifts		
A/E Design Fees	8 %	299,250	Grants		
DSF Mgmt Fees	4 %	149,640	BTF Planning		
Equipment/Other	10%	374,010	Other		
Total Estimated Budget		**$4,563,000**	**Total Estimated Budget**		**$4,563,000**

*WDVA will submit a grant application to the USDVA State Homes Construction Grant Program for funding. When awarded the federal grant will fund up to 65% of construction, which will replace the project Program Revenue Supported Borrowing.

Project Schedule
(as provided by DOA)

Program Approval	August 2009
AE Selection	January 2010
Design Report Completed	September 2010
Construction Contracts	March 2011
Start of Construction	June 2011
Substantial Completion	September 2012
Commissioning Completion	January 2013
Commencement of Move	February 2013
Completion of Move	January 2014

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Operating Budget Impact

The King Elevator Fire Suppression, Electrical Upgrades and Expansion is anticipated to have no impact on the operating budget of the Wisconsin Veterans Home King as the proposed funding sources are: USDVA Grant Funds 65% and General Fund Supported Borrowing 35%

Previous Building Commission Action

None

WISCONSIN DEPARTMENT OF VETERANS AFFAIRS

PROGRAM STATEMENT

Wisconsin Veterans Museum
Capital Equipment
Joint Preservation Storage Facility

September 2010

Prepared by:

Wisconsin Department of Veterans Affairs
Office of Policy, Planning and Budget

TABLE OF CONTENTS

Background

The mission of the Wisconsin Veterans Museum (WVM) is statutorily defined as "to acknowledge, commemorate, and affirm the role played by Wisconsin veterans in the United States of America's military past by means of instructive exhibits and other educational programs." The mission is fulfilled through its public museums and research library. Both facets of the museum's operation, instructive exhibits and educational programs, are supported by manuscript, archival materials and artifact collections.

The Veteran's Museum was established in 1901 as a memorial to the civil war and subsequent wars. For 90 years, the Museum was located at the State Capital Building occupying 6,000 SF. Since 1993 it has been housed in its current location at 30 West Mifflin Street, on the Capitol Square. The WVM operates its primary museum in Madison with satellite museums at the Wisconsin Veterans Home-King and the Wisconsin National Guard Museum at Volk Field. The largest and most prominent museum-housed collections, visual displays, archives, and educational and research space are in the primary museum in Madison. This museum features 12,000 square feet (SF) of instructive exhibit space. Supporting the exhibit space is 11,000 SF of collections storage with a ceiling height less than 9 feet. The remaining 9,940 SF are occupied by a public research space, an education center and museum staff offices. In addition to the collections storage downtown, the museum leases 1,000 SF of off-site space for collection storage overflow. Due to limited space, most display development is out-sourced.

The museum's exhibit and storage spaces have grown considerably over the last 15 years current estimated value of artifacts, displays and collections of the WVM museum exceeds $8 million. Lack of space at its current location has caused the WVM to become more selective in acquisitions, thus turning away potential valuable acquisitions. The WVM estimates that storage and processing space needs will double in the upcoming ten years due to an increase in weapons collections and the need to increase processing space to accommodate the preparation of large objects.

Recent moisture and leaking problems related to the building envelope at the current location envelope have threatened the security of WVM collections. And internally, HVAC piping failures have resulted in leaks above the suspended ceiling with damage to museum archival storage and shelving systems.

The Joint Preservation Storage Facility (JPSF) as designed is a multi-agency building for the Wisconsin Department of Veterans Affairs/Wisconsin Veterans Museum (WDVA/WVM) and the Wisconsin Historical Society (WHS) which will house library and archives materials, museum artifacts and collections. The purpose of the JPSF is to relieve significant crowding in existing collection storage space, eliminate the need for leased storage space, create appropriate environmental conditions that are absent from current storage spaces, provide professional-quality support spaces for processing and circulating stored collections, and allow for possible expansion to accommodate future growth in collections.

It is estimated that the Wisconsin Veterans Museum (WVM) will occupy 22,142 square feet of the facility. Of that space, approximately 11,800 square feet (SF) with a ceiling height of

up to 20 feet will be allocated to the storage of the WVM's collections and library archives. Flexible and adaptable storage systems with ease of access and retrieval of stored materials have been specified to meet the changing and growing needs of the WVM. Storage systems for the WVM Library and Museum will use bulk rack, shelving with drawers, art racks, wall racks, and plan files in a multi-tier (3 or 4 level) enclosed storage system with access between the levels provided by stairs or elevator.

Project Scope and Description

This capital equipment project will purchase: 1) equipment necessary to prepare, catalog, conserve and move the Wisconsin Veterans Museum's manuscripts, archival materials, artifacts and collections to the new Joint Preservation Storage Facility; 2) moveable and specialized equipment for the PSF; 3) storage systems for the WVM Library and Museum space, including bulk racks, shelving with drawers, art racks, wall racks, and plan files; and 4) 50% of the cost of shared moveable and specialized equipment. (The remaining 50% of the shared moveable and specialized equipment cost is being requested by WHS as part of their Capital Budget Request.)

Occupants and Activities

The primary occupants will be WVM staff involved with acquisitions, current collections and display development. The museums collections include weapons, equipment, souvenirs, insignia, medals and film/videos, items made from paper including documents, letters, diaries, journals, military manuals, books, newsletters, maps, posters and photographs and textiles including flags, uniforms and insignia.

The wide range of objects in the collection requires specialized equipment for handling safety and preservation. For example, in the artifact conservation room artifacts are inspected, cleaned, repaired, conserved, and mounted. These tasks require an acid-free cabinet, roll rack, work benches, storage cabinets, water filtration system, clothes washer and dryer, mini refrigerator, microscopes, HEPA vacuum, and upholstery screen. Safety and precautionary equipment such as fume hoods and specialized solvent storage is included to protect employees and artifacts.

Project Budget

WVM Storage System	$ 2,565,900
Storage System Contingency 10%	256,600
WVM Equipment	376,100
Collections Preparation/Moving (Supplies)	768,400
WVM 50% Shared Equipment	103,700
Total Estimated Budget	**$4,070,700**

Project Schedule

Program Approval	January 2009
AE Selection	January 2010
Design Report Completed	December 2010
Construction Contracts Executed	June 2011
Start of Construction	September 2011
Substantial Completion	March 2013
Order Equipment and Storage Systems	July 2013
Completion of Building Commissioning	September 2013
Commencement of Move	October 2013
Completion of Move	September 2014

WISCONSIN DEPARTMENT OF VETERANS AFFAIRS

PROGRAM STATEMENT

King Veterans Home
Elevator Fire Suppression,
Electrical Upgrades and Expansion

September 2010

Prepared by:

Wisconsin Department of Veterans Affairs
Office of Policy, Planning and Budget

TABLE OF CONTENTS

Background

The Veterans Home at King (the Home) provides skilled nursing care services for up to 721 eligible veterans and their dependent spouses. Its four residence halls, Ainsworth Hall, Stordock Hall, MacArthur Hall and Olson Hall, along with the John R. Moses Central Services Building and the Marden (Activities) Center, have a total of: thirteen passenger elevators; three freight elevators; and nine elevator equipment rooms. When these buildings were constructed between 1966 and 1983, fire sprinklers were not required in elevators and equipment rooms. None of the elevator equipment rooms are equipped with fire suppression systems except the freight elevator in MacArthur Hall, which was completed in 2005.

As a result of the above, the Home is out of compliance with National Fire Protection Association (NFPA) Life Safety Codes in its four resident halls. Violations with the NFPA Life Safety Codes also exist in the Central Services building, which houses the laundry, kitchen, materials management and commissary, and the Marden Center, which houses member activities. The Home has been cited for NFPA Life Safety Code violations by the Division of Quality Assurance (DQA), Department of Health Service and has until the year 2013 to be in full compliance with the code. Keeping in mind that the elevator rooms utilize high voltage, use of fire sprinklers makes the fire protection of these rooms more complex. The safety and lives of nearly 2,000 members, staff and volunteers is at risk until the completion of this project.

In addition to addressing Life Safety Code violations, upgrades to existing elevator controls are needed to improve the safety and reliability of their operation. Due to their age all but the new elevator require frequent maintenance. More than $40,000 was spent on elevator repairs in fiscal year 2010. The skilled nursing members and staff rely heavily on the safe and dependable operation of these units and upgrades are of crucial importance. Updated elevator control packages will return the elevators to an appropriate level of exit discharge in case of a fire or malfunction.

Olson and Stordock Halls (ca. 1966 and 1968, respectively) are 5-story skilled nursing buildings with 200 beds (50 beds per floor, second to fifth floors). Each building has two relatively small, 4000 lb capacity passenger elevators with interior dimensions of 60” x 96” serving the building from the lower level to 5th floor. There have been significant challenges with congestion at the elevators, particularly at mealtime when 100-130 residents use the elevators to get to the first floor dining room and return to the nursing units after each meal. This is also an issue when large activity events are held in the dining room. Waiting for an elevator is a significant issue among residents at the Home.

More than 40 years have passed since their construction and elevator space needs have swelled due primarily to an increase in the number of residents using mobility devices. A majority of the residents utilize some type of mobility device to include: wheelchairs, electric wheelchairs, scooters, and walkers. Each of these devices takes considerably more space on an elevator than an ambulatory resident. A maximum of two devices can fit on each elevator at one time along with a couple ambulatory residents.

Also, as our bariatric population increases, more bariatric wheelchairs and scooters are in use, which occupy even more floor and elevator space. A 400-lb. capacity scooter measures 26 x 56 inches. A manual bariatric wheelchair is approximately 26" wide x 27" long and an electric wheelchair of similar width measures up to 36 inches in length. The limited elevator space has created issues with residents getting bumped by scooters and electric wheelchairs while in the elevators or waiting to board. As a result the lobbies and elevators are crowded and the wait is extended, both of which can cause tension between residents. There have also been incidents of resident conflict both on the elevator and in the lobby amongst those anxious to get back to their nursing units after mealtime. An increase in elevator space will help to reduce these incidents and the chance of injury.

This project proposes the expansion of elevator space from the lower level, with access to the underground tunnels, to 5th floor in Olson and Stordock Halls to increase safety, efficiency, and alleviate overcrowding. (The six buildings noted in this project are connected by an extensive underground tunnel system accessed from the building's lower level. The tunnels are used extensively by staff throughout the day to transport meals, laundry and supplies and by residents to access the Marden Center and MacArthur Hall, site of the on campus medical clinic, and for exercise.)

A feasibility study will explore the viability of various options to resolve the overcrowding in these two halls in the elevators and waiting areas including, but not limited to, the construction of new passenger elevator(s), enlargement of the existing elevator shafts and installation of larger cars, and improvements to allow the freight elevators to be rated for passenger use. The study will examine engineering aspects, cost, viability and staff operational needs of each option.

The need to upgrade elevator controls and install fire protection systems in the associated electrical rooms was also identified in the Facilities Evaluation Report conducted by Berners-Shober Associates, Inc. (BSA) in 2010. BSA provided the estimated project budget.

Purpose and Scope of Project

This project includes the installation fire protection systems and associated smoke detectors in all 12 passenger elevators, 3 freight elevators, and 8 elevator equipment rooms, the installation of a clean agent fire extinguishing system in 8 electrical rooms to achieve compliance with National Fire Protection Association (NFPA) Life Safety Codes, and the replacement of existing elevator controls.

A feasibility study will explore the viability of various options to resolve elevators and waiting area overcrowding at Olson and Stordock Halls including, but not limited to, the construction of new passenger elevator(s), enlargement of the existing elevator shaft and installation of larger cars, and improvements to allow the freight elevators to be rated for passenger use, followed by design and construction to increase the elevator safety and capacity employing the most viable option.

Occupants and Activities

Occupants of these buildings include aged and disabled veterans and their eligible dependents, staff, professionals and visitors. Convenient and timely access to all floors is essential. Many residents utilize scooters, walkers or wheel chairs, all of which occupy more space than a standing person. They use the elevators to - go to and from the dining room three times per day, access various activities in their building, the out of doors, or the Marden Center via the underground tunnel system. Staff members use the elevators to access their floor, ground level or the tunnels, to deliver meals, laundry or supplies, and remove garbage and waste. Staff, visitors and outside professionals utilize the elevators to visit or aid residents, or in cases of emergency.

Project Budget

Construction		$3,463,200
Contingency	8%	277,100
AE Design Fees	8%	149,640
DSF Mgmt Fees	4%	299,250
Equipment	10%	374,010
Total Estimated Budget		**$4,563,000**

Project Schedule

Program Approval	April 2011
AE Selection	January 2011
Design Report Completed	August 2011
Construction Contracts Executed	October 2011
Start of Construction	November 2011
USDVA Grant Award	January 2012
Substantial Completion	March 2013
Completion of Commissioning	May 2013