



MINNESOTA NATIONAL GUARD



Department of Military Affairs



Capital Bonding Request

Additional funding for Marshall, Rosemount, Moorhead & Fergus Falls Readiness Centers
Recommends \$6.767 million to cover additional costs that have arisen during renovation projects approved in the 2020 bonding bill. Rising construction costs have made funding appropriated insufficient to complete the projects. Some projects have begun construction, but others have been deferred due to insufficient bonding as the result of escalating costs.

\$6,767,000

Rosemount Readiness Center

Recommends \$24.72 million for a major renovation to the 99,522 sq. ft. Rosemount Readiness Center. The renovation will improve its functionality, better accommodate the assigned units, and sustain the facility into future years.

\$24,720,000

Total Capital Bonding Request

\$31,487,000





Typical "Batch Project"

Building Interior

- Replace windows and exterior doors to force protection standards.
- Install bottle filling drinking fountains.
- Replace/repair wall, ceiling and floor finishes.
- Replace interior doors and hardware.
- Install fire protection system and mass notification system.
- Update electrical system to current code.
- Update/expand kitchen.
- Improve internet connectivity throughout the building.
- Reconfigure interior walls as required.

Energy Efficiency

- Replace HVAC with energy efficient system.
- Install programmable HVAC controls.
- Install insulation as required to meet current standards.
- Replace existing lighting with LED.
- Replace water heater(s).
- Replace plumbing fixtures with low flow.
- Remove all through-wall and window air conditioning units.

Construction

- Make building ADA compliant (access, latrines).
- Expand locker rooms and latrines to meet occupancy requirements.
- Construct section storage areas.
- Expand arms vault
- Increase unit storage to current allocation.
- Construct multi-purpose training area/classroom.

Building Exterior

- Improve drainage around the facility.
- Upgrade exterior lighting with LED
- Replace sidewalks as needed
- Install led lighting in military vehicle storage compound.
- Tuck-point and replace brick as required.





Rosemount Readiness Center



History:

This 28 year old, 99,522 square foot Armory has never received a comprehensive rehabilitation. The indoor firing range was converted to storage in 2007. The facility lacks functioning fire alarm and mass notification systems for life safety. The mechanical components are at end of life, in some cases failing, and are very inefficient by today's standards. The facility lacks a controls system to allow set-backs, which could provide significant energy savings. The facility is not compliant with force protection standards for windows and doors. There are no long-term plans to replace or abandon it in the next 50 years. **\$1,000,000 was approved in the 2020 Bonding bill for design of this project.**

Facility Condition Index: **63(Poor)**

Justification:

The ISR consistently rates this building "Red" for both mission and quality. This project would address life safety and force protection shortfalls by installing a fire alarm system, mass notification, and blast resistant glazing. The project would replace all mechanical components with energy efficient equipment projected to reduce electric consumption by 37% and gas consumption by 23% per the 2012 PBEEP study. The project will provide insulation, replace deteriorating interior and exterior finishes, and extend the life of the facility by 30-50 years.

Additional amount requested for completion is \$24,720,000



Moorhead Readiness Center



History:

This 32 year old, 41,218 square foot Armory has never received a comprehensive rehabilitation. The indoor firing range was converted to storage and the roof was replaced in 2008. The mechanical components are at end of life, in some cases failing, and are very inefficient by today's standards. The facility is deficient in administrative, supply, arms vault, and toilet/shower space. The facility is not compliant with force protection standards for windows and doors, current life safety or accessibility code. There are no long-term plans to replace or abandon it in the next 50 years.

\$5,345,000 was approved in the 2020 Bonding bill for this project.

Facility Condition Index:

57(Poor)

Justification:

The ISR consistently rates this building "Red" for both mission and quality. This facility is short 28% of authorized space for the assigned unit. This project would rectify code and force protection shortfalls and address \$2.7M in deferred maintenance. The project will provide insulation, replace deteriorating interior and exterior finishes, and extend the life of the facility by 30-50 years.

Additional funding requested for this project is \$855,000.



Marshall Readiness Center



History:

This 64 year old, 15,438 square foot Armory has never received a comprehensive rehabilitation. The facility is uninsulated, has single pane windows, and failing exterior doors. There are no fire alarm or fire suppression systems installed in the facility. Multiple mechanical systems in the facility have failed, and the entire HVAC system is at end of life. The arms vault is inadequate size. The facility requires asbestos remediation. There are no long-term plans to replace or abandon it in the next 20 years.

\$3,100,000 was approved in the 2020 Bonding bill for this project.

Facility Condition Index: **68(Poor)**

Justification:

The ISR consistently rates this building “Red” for both mission and quality. This project would address life safety and force protection shortfalls by installing a fire alarm system, mass notification, and blast resistant glazing. The facility is short 57% of authorized space for the assigned unit. This project would address \$1.6M in deferred maintenance. The project will provide insulation, replace deteriorating interior and exterior finishes, and extend the life of the facility by 20-30 years.

Additional funding requested for this project is \$4,752,000.





Fergus Falls Readiness Center



History:

This 65 year old, 19,912 square foot facility has never received a comprehensive rehabilitation. The facility is not compliant with accessibility, life safety or force protection codes and regulations. The facility is uninsulated, has single pane windows, and failing exterior doors. There are no fire alarm or fire suppression systems installed in the facility. Multiple mechanical systems in the facility have failed, and the entire HVAC system is at end of life. The arms vault is inadequate size. The facility requires asbestos remediation. There are no long-term plans to replace or abandon it in the next 20 years.

\$2,100,000 was approved in the 2020 Bonding bill for this project.

Facility Condition Index: **59(Poor)**

Justification:

The ISR consistently rates this building “Red” for both mission and quality. This project would address life safety and force protection shortfalls by installing a fire alarm system, mass notification, and blast resistant glazing. The project would replace all mechanical components with energy efficient equipment, insulate all exterior walls, and replace all exterior doors and windows with energy efficient units. The project will provide an adequate arms vault, and replace or restore all interior finishes to extend the life of the facility 20-30 years.

Additional funding requested for this project is \$800,000.



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\$6,767,000

Rosemount Readiness Center

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\$24,720,000

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OVERVIEW

PRIORITIES

UNITS

INITIATIVES



THANK YOU

from the MINNESOTA NATIONAL GUARD