

PRIORITY SUP MR-04

INFLATIONARY ADJUSTMENT DOOR CONTROL SYSTEMS

DEPARTMENT OF CORRECTIONS
\$450,000

ORIGINAL PROJECT INFO 67TH LEGISLATIVE SESSION

Xanthopoulos Building Door Control System
This project will eliminate the need for keyed locks and implement a building-wide door control system for the Xanthopoulos Building (X-Building).

Montana Women’s Prison Door Control System
The proposed door control system for the Montana Women’s Prison (MWP) will provide an isolated network that will allow remote control of door locks and intercoms from a secure central location within the facility. The locking control system will be integrated with the video system as well as the duress system. Operation of the isolated access control system will originate from one central control station and a stand-alone station located at the front entry way. Facility security and access control will be increased with the isolated network system. In the event of an emergency, central control can release all the doors on the campus.

Pine Hills Youth Correctional Facility Door Control System

The ongoing high cost of maintaining the existing 20 plus year old door control/security/ electronics system, difficulty obtaining replacement parts due to obsolescence and unreliability warrants transition to a touchscreen computer technology door control system. The current system is incompatible with newer technology. Replacement components are no longer manufactured and difficult to obtain. Operational longevity of the existing system at best, may only be 2-3 more years. Upgrading the door control system to the newer technology will provide a safer environment for staff and inmates.

INFLATIONARY ADJUSTMENT INFO

Door control system repairs were appropriated separately as shown below for the Montana Women’s Prison, Pine Hills Youth Correctional Facility, and the Xanthopoulos Building in Section 2, Chapter 461, Laws of 2021 for an aggregate of \$1,220,000.

During the interim between the 67th and 68th sessions, door control systems at the Montana State Prison experienced significant failures and repair parts are unavailable due to its age. The DOC has allocated a portion of its operational budget to begin design and fund a portion of a replacement system.

Combining repairs at MSP with the significant and unprecedented recent cost escalation within the construction industry for the other facilities have necessitated this request for an additional \$450,000.

FUNDING		
Original Appropriation		
MT Women’s Prison	LRBP Cash	\$520,000
Pine Hills YCF	LRBP Cash	\$350,000
Xanthopoulos Bldg	LRBP Cash	\$350,000
Inflationary Adjustment	LRBP Cash	\$450,000
TOTAL		\$1,670,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$1,098,000
Inflationary Construction Costs	\$450,000
Consultant Services	\$122,000
TOTAL	\$1,670,000

PRIORITY MR-02

RED LIGHT / EMERGENCY NOTIFICATION SYSTEM

MONTANA STATE PRISON

\$1,000,000

This project will Install a new Emergency Notification System at Montana State Prison.

The current Emergency Notification System is comprised of a “Red Light” located on each building at the facility, which is activated by a button. Correctional officers working in the guard towers must monitor for activated red lights to know there is an emergency. The towers are only manned when staffing allows so this system is not reliable and is inadequate to provide correctional officers with essential safety in the performance of their duties.

A new Emergency Notification System will allow monitoring at the Command Post. In addition, different types of visual notifications on the buildings will make the system more effective, improving the safety and security of the facility.

FUNDING	
LRBP Cash	\$1,000,000
TOTAL	\$1,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$900,000
Consultant Services	\$100,000
TOTAL	\$1,000,000

PRIORITY MR-03

PERIMETER FENCE ENHANCEMENT

MONTANA STATE PRISON

\$1,500,000

This project will repair, upgrade, enhance and repair the existing perimeter fence at Montana State Prison improving safety and security within the facility.

The current perimeter fence monitoring system is inadequate and frequently reports a false motion alarm.

An upgrade is needed to make the system more reliable. In addition, a deterrent system will be added to discourage contact with the perimeter fence. Reducing false alarms will minimize the need to devote staff resources to false alarms.



FUNDING	
LRBP Cash	\$1,500,000
TOTAL	\$1,500,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$1,350,000
Consultant Services	\$150,000
TOTAL	\$1,500,000

PRIORITY MR-07

ROOF REPLACEMENT

PINE HILLS CORRECTIONAL FACILITY

\$1,000,000

This project will replace the original Hypalon membrane roof on 2 buildings: Pod V Housing and Main Housing & Admin.

Pod V Housing

Built: 2000
 Area: 6,726
 Roof Type: Hypalon & Metal
 Age: 22 years

Main Housing & Admin

Built: 2000
 Area: 43,838
 Roof Type: Hypalon & Metal
 Age: 22 years



The existing membrane roofing is original to both buildings and has exceeded its life expectancy. The Hypalon membrane roofing has visible chalking and exposed fibers. Leaking is occurring at roof penetrations and flashings and is causing damage to ceiling tiles.

The roof has been well maintained over the years but has deteriorated to a point where it can no longer be effectively repaired. Continued patching and repairing may temporarily delay further deterioration and damage but will require higher replacement costs in the future. This project will replace the existing Hypalon membrane with a new membrane roof. Insulation will be evaluated for water intrusion and replaced as needed. The metal roofs are in good condition and replacement is not needed at this time.

FUNDING	
LRBP Cash	\$1,000,000
TOTAL	\$1,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$900,000
Consultant Services	\$100,000
TOTAL	\$1,000,000

PRIORITY MR-08

EASTMONT HVAC SYSTEM REPAIRS / REPLACEMENTS

DEPARTMENT OF CORRECTIONS
\$200,000

This project will repair and/or replace various components of the HVAC System in Cottage III at the Eastmont facility.

The project includes repairs to the HVAC System including repairs to the temperature controls in the building, replacing the chiller that is at the end of it's life. Also, upgrades to the heating system including replacing the Heating and Cooling Units for the housing pods and replacing worn-out heating piping in the building.

The HVAC System Control software utilized in this building is outdated and no longer supported. The chiller unit has had multiple leaks. In addition to the primary heating/cooling system, there are 3 independent heating/cooling units in the housing pods, which require replacement due to age and wear/tear. The boilers in the building are in good shape, however, the connected plumbing(change to heating piping) is need of repair/replacement due to pipe corrosion. Access to some of these pipes requires access via interior walls, which will need to be replaced.

Resolution of these issues will help ensure the safety of staff/residents in the facility, as well as prevent additional damage to the facilities.



FUNDING	
LRBP Cash	\$200,000
TOTAL	\$200,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$180,000
Consultant Services	\$20,000
TOTAL	\$200,000

PRIORITY MR-14

COOLING SYSTEM UPGRADE

MONTANA WOMEN’S PRISON

\$750,000

This project will upgrade the cooling system in the original building built in 1975. The project will include replacing the 63 ton air-cooled chiller and chiller water pumps and other cooling equipment in the original building.

The existing chiller installed in 2004, utilizes R22 Refrigerant which is no longer available. Also, due to the chiller’s age, it is no longer serviceable and spare parts are not available. The chiller is no longer reliable and frequently in need of repair. Failure of the chiller to operate results overheating in the original building and a unsafe environment for staff and inmates.

Installation of a new cooling system including a high efficiency chiller will improve the comfort of the staff and inmates in the building and reduce energy use.



FUNDING	
LRBP Cash	\$750,000
TOTAL	\$750,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$675,000
Consultant Services	\$75,000
TOTAL	\$750,000

PRIORITY MR-19

DEVELOP FACILITY SPECIFIC PROGRAM & MASTER PLAN

DEPARTMENT OF CORRECTIONS \$600,000

Phase I of the system-wide DOC Master Plan prepared by DLR focused on establishing an overall framework for long term facility needs and immediate improvements. This request provides a further detailed study of Department of Correction facilities, MSP, MWP and other state owned and operated facilities – Pine Hills, Riverside Special Needs Unit and Missoula Assessment Sanction Center (MASC) recommended as part of implementing funded improvements.

This analysis will look specifically at site organization, siting options for housing development and how to best phase the construction to maintain ongoing operations. Additionally, it will include the assessment and evaluation of the other facilities excluded from Phase I planning and validate Master Plan recommendations based on total cost of ownership. Included will be an objective assessment of impacts on staffing required to serve the facilities identified.

As part of Master Plan implementation, it is recommended that the Department of Correction work with the Office of Budget and Program Planning, Department of Administration, and the Legislature to develop an ongoing capital plan to fund on-going future maintenance of facilities. The Building Owners and Managers Association (BOMA) typically recommends funding annual maintenance and upgrades for a typical office building at 3% - 5% of the value of the asset. Given the constant 24/7 use of correctional facilities it is recommended that an allocation at the upper end of the range be set-up for ongoing maintenance of DOC facilities. Planning for maintenance funding on an annual (or biennial

basis) will allow the state and Department of Corrections to better protect the taxpayer’s investment in facility assets and reduce the need for physical condition or age based major capital program requests in the future.

Develop Facility Specific Program and Master Plan is the first step in implementation of an on-going capital funding mechanism. This plan will look more specifically at site organization, siting opportunity options for housing development and how to best phase the construction program to maintain ongoing operations and integrate various improvements as they are planned. It will also provide an opportunity to include the assessment and evaluation of the facilities excluded from Phase I planning and to validate Master Plan recommendations based on total cost of ownership including an objective assessment of impacts on staffing.

Implementing this next master plan phase will provide documentation for the Department of Corrections to have valid information to present to the Legislature, DOA and OBPP to set up an ongoing capital fund for deferred maintenance of DOC facilities.

FUNDING	
LRBP Cash	\$600,000
TOTAL	\$600,000

ESTIMATED PROJECT COSTS	
Consultant Services	\$600,000
TOTAL	\$600,000

PRIORITY MR-24

HEATING SYSTEM UPGRADE

MONTANA WOMEN’S PRISON \$1,500,000

This project will upgrade the Heating System by replacing two boilers and making other heating improvements at the Montana Women’s Prison with high-efficiency boilers and replace the diesel underground holding tank with a propane tank or natural gas tank.

The heating plant was installed in 2000 as part of the Women’s Prison Expansion Project.

A high efficiency condensing boiler was installed in 2013 to heat the building during mild weather and reduce energy use. The 2 large boilers are only used to heat the building during extreme cold weather and during natural gas outages utilizing an underground fuel oil tank. The 2 existing 5 MMBTU boilers are over 20 years old and are becoming increasingly difficult to maintain as spare parts are becoming hard to obtain. Also, the backup fuel oil tank and operation of the boilers on fuel oil is becoming less reliable and hard to maintain.

The project will greatly improve the boiler plant operation and free up needed space for other equipment. The installation of new high efficiency boilers with backup fuel will greatly improve the reliability of the heating plant and reduce energy use.



FUNDING	
LRBP Cash	\$1,500,000
TOTAL	\$1,500,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$1,350,000
Consultant Services	\$150,000
TOTAL	\$1,500,000

PRIORITY MR-31

PERIMETER FENCE / DOG YARD

MONTANA WOMEN’S PRISON \$1,000,000

The existing perimeter security fence at the Montana Women’s Prison is compromised in places, posing security and safety concerns for the inmates, staff, and surrounding Billings community. Replacement of fence sections and associated security upgrades are necessary to maintain the security and safety of the hardened perimeter.

MWP is a 250-bed secure facility that houses approximately 225 felony inmates. The facility provides a secure environment that offers evidence-based programming designed to assist them when they transition back to Montana communities. The facility is located near downtown Billings on a busy traffic corridor and is highly visible. The perimeter security fence serves as the first line of defense to increasingly higher threat levels, both internal and external, anti-intrusion prevention, tunneling, cutting, climbing, escape and access.

In addition to the facility’s perimeter fence, the dog yard fencing is also compromised and in need of repair or replacement. The Prison Paws program, started in 2004, is a canine training program. The program provides inmates an opportunity to learn new skills training and working with dogs. Socializing with the dogs improves inmate self-esteem while training basic manners to canines.

The perimeter fence and dog yard fence are critical to the success of Montana Women’s Prison. Addressing the deficiencies of both fencing systems will ensure the safety and security of individuals, both inside MWP and in the surrounding community.



FUNDING	
LRBP Cash	\$1,000,000
TOTAL	\$1,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$900,000
Consultant Services	\$100,000
TOTAL	\$1,000,000

PRIORITY MR-32

UNIT F SEWER LINE REPLACEMENT

PINE HILLS CORRECTIONAL FACILITY \$500,000

This project will repair a partially collapsed sewer line at the Pine Hills Correctional Facility housing unit, restoring sewer service to the affected housing section.

A portion of Unit F is serviced by sixty feet of damaged sewer pipe resulting the closure of a portion of the wing for housing offenders. A total collapse of the pipe would result in sewage backing up into the unit, causing a health and safety hazard to residents and staff of the unit and other buildings.

Unit F can house 16 inmates and by replacing the sewer line in the broken branch, Pine Hills will be able to utilize 8 additional housing units, increasing the total number of inmates to 24. Improvements made in the building crawl space will include replacing sewer lines, removing damaged soil, and reducing groundwater from entering the crawl spaces. If viable, ventilation will be added to the crawl spaces to remove gas from entering the building and improve the operation of the building.



FUNDING	
LRBP Cash	\$500,000
TOTAL	\$500,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$450,000
Consultant Services	\$50,000
TOTAL	\$500,000

PRIORITY MR-33

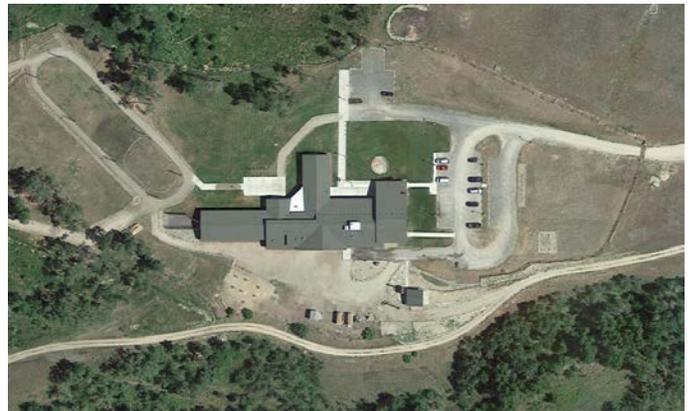
UNIT F WATER SUPPLY UPGRADE

MONTANA STATE PRISON

\$600,000

Unit F is an isolated secure 53-bed facility located west of the main Montana State Prison campus toward Conley Lake. Currently, it is not occupied because power to the facility is unreliable, and no backup water supply system is available for fire protection or domestic use.

This request proposes to upgrade the power distribution system and install a new a water well as backup to the existing water system for Unit F. Recent power system upgrades at Montana State Prison have replaced the power poles and lines to Well House #3, one of the wells that serves the prison water system. Power distribution to Unit F is fed from Well House #3. Installed in the early 1970’s, the existing power poles, lines, and transformers from Well House #3 to Unit F have exceeded their useful life and must be replaced. The deteriorating power poles also carry the fiber that runs to Unit F. The condition of the fiber lines will be assessed and if deemed necessary, the fiber lines will be replaced as part of this project. The new power distribution system will have increased capacity and will permit installation of a new water well. The new well coupled to the existing water system will provide the necessary backup water supply for domestic and fire protection use, improving system reliability and life safety of the facility.



With the overcrowded conditions MSP continually faces, it is unfortunate Unit F is unoccupied. Authorization of this project request replaces and upgrades the existing power distribution system and installs the new water well. These improvements will permit MSP to reoccupy the facility.

FUNDING	
LRBP Cash	\$600,000
TOTAL	\$600,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$540,000
Consultant Services	\$60,000
TOTAL	\$600,000

PRIORITY MR-35

SITE INFRASTRUCTURE STUDY

MONTANA STATE PRISON \$300,000

This request authorizes the evaluation of all existing site infrastructure systems currently serving facilities located on the 140-acre main Montana State Prison Compound. The evaluation/study will assess the existing condition, life expectancy and expansion capability of all infrastructure elements to ensure the infrastructure adequately supplies services to existing and future MSP facilities and buildings well into the future.

The age, condition, and existing capacity of site infrastructure elements serving MSP will likely require improvements, upgrades, or replacements to offer any increased capacity for future expansion. For master planning, budgeting and long-range building programming purposes, the Department of Corrections Statewide Master Planning Report prepared by DLR Group and Cushing Terrell recommended an overall site infrastructure study be prepared. The intent of the study would be to identify underground and above grade site infrastructure conditions and capacities, and outline necessary improvements required for future expansion of MSP facilities. Underground improvements will likely include upgrading domestic potable water systems via additional wells, storage, and treatment upgrades; fire suppression system water supply and service improvements would be provided with a water supply closed loop, hydrants, and potential fire pumps; upgrades to the sanitary sewer and storm systems lines; increased electrical power distribution, capacity, and lighting improvements and upgrades; natural gas delivery development and upgraded technological communications and data systems. Above grade improvements would include



but not necessarily be limited to infrastructure elements enhancements such as roadway and access improvements and upgrades to the sewage system to bring it into DEQ compliance.

The existing sewer lagoons at MSP are maximized on capacity for sewage treatment. Being an antiquated system, infrastructure improvements and master planning for the MSP campus includes provisions for a prepackaged on-site sewage treatment plant. Implementing improvements resulting from the MSP Site Infrastructure Study would upgrade and improve existing site infrastructure systems, make them compliant with current building code requirements, and increase the overall infrastructure capacity to accommodate future MSP expansion.

FUNDING	
LRBP Cash	\$300,000
TOTAL	\$300,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$300,000
TOTAL	\$300,000

PRIORITY DOC AO MR-02

FOOD FACTORY EMERGENCY GENERATOR

MONTANA CORRECTIONAL ENTERPRISES

\$100,000

This project will install an emergency generator in the new addition to the food factory.

A new addition was added to the Food Factory in 2022. The food factory produces approximately 13,000 meals each day. An emergency generator was not included in the original build but is crucial to continuity of operations.

Installation of a backup generator will ensure continuity of the food factory in the event of a power outage.

FUNDING	
Authority	\$100,000
TOTAL	\$100,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$90,000
Consultant Services	\$10,000
TOTAL	\$100,000

PRIORITY DOC AO MR-03

MCE INDUSTRIES REPAIRS

MONTANA CORRECTIONAL ENTERPRISES

\$700,000

The existing Industries Building at Montana State Prison houses the Furniture Production Shop, Upholstery Shop, and Print Shop facilities for Montana Correctional Enterprises. The facility is dated, energy inefficient, and does not comply with current building codes for the types of products manufactured in the facility. This project proposes to remedy ventilation issues, install a dust collection system, a fire suppression system, and improve the overall life safety of the building and its occupants.

Due to the age of the facility, the three production shops in the Industries Building do not comply with current building codes because of the hazardous materials and chemicals used or produced during the manufacturing processes. In the Furniture Production Shop, inmates are responsible for and oversee the entire furniture production process. They design, produce and store raw material and numerous types and styles of handmade furniture, craft one-of-a-kind custom pieces and restore furniture. Workers in the Sewing & Upholstery Shop store materials for and produce high-volume sewing (i.e., scrubs, bedding, and mattresses) for DOC and several other facilities throughout the state. In addition to upholstering furniture produced by the Furniture Production Shop, the Upholstery Shop performs custom jobs for a variety of applications in materials ranging from fabric to leather and mohair. The Print Shop is a commercial-grade print and sign shop that stores ink, materials and finished printed products. Inmate graphic designers and workers create and produce printed and engraved products on a variety of media ranging from business cards and banners to street signs. All products manufactured are sold directly to governmental and nonprofit

entities throughout Montana. A dealer network in Montana assists in sales of products to the public.

In addition to making a wage from product sales, the vocational education, on-the-job training, and work experience inmates gain while participating in the industries programs MCE offers are critical to their well-being, self-esteem and success when released from prison. These programs provide them with a marketable job skill and strong work ethic. The wages earned allow inmates to pay for hygiene items, personal clothing, victim restitution and court-ordered fines. Funding to provide the required repairs and install the code compliant ventilation system, dust collection system and fire suppression system in the Industries Building, will insure a safe environment for MSP inmates and staff and continuation of these vital production programs.

FUNDING	
Authority	\$700,000
TOTAL	\$700,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$630,000
Consultant Services	\$70,000
TOTAL	\$700,000

PRIORITY CD-02

REPLACE LOW-SIDE HOUSING

MONTANA STATE PRISON

\$135,000,000

This project proposes to replace the low-side housing units A, B, C, and D, and the associated campus infrastructure upgrades to support the new build at Montana State Prison (MSP) in Deer Lodge. These housing unit facilities have exceeded their life-expectancy and would require significant investment to upgrade to current standards.

From an operational perspective, the MSP facility is at its capacity limit and needs added capacity to function securely, safely, and efficiently. The designed capacity of MSP is 1,040 beds and currently houses approximately 1,600 inmates. The existing low-side housing units are outdated, energy inefficient, in poor condition and require on-going maintenance by DOC staff to remain online. Because of the age, size and configuration of Units A, B, and C, they house 576 offenders in 36 small 8 cell/16 bed units with limited program space and no accommodations for persons with disabilities. These units are inefficient for staffing, preclude direct supervision of inmates by correctional staff which sacrifices enhanced safety and treatment of inmates. Unit D is a larger unit housing 96 inmates and provides accommodations for persons with disabilities. Supervision of inmates in Unit D is also difficult due to its two-level panopticon plan and overall size. All four units have limited programming space. They do not allow for a direct line of sight by custody staff to all offenders. Operationally, they can only be operated efficiently on an interim supervision basis – that is with only periodic supervision by custody staff making “rounds” to provide adequate supervision.



Replacement of the aged and inefficient existing low-side housing units with new up-to-date housing units impacts both the delivery of MSP programs to incarcerated individuals and security and safety for correctional staff and offenders alike. Direct, line-of-sight supervision by correctional staff will be accommodated. Each unit will contain adequate inmate programming and treatment space and accommodations for persons with disabilities. The increased housing unit capacity will permit MSP to better fulfill its current mission relating to programs and operations, increases to operational effectiveness and staffing efficiency, and providing more efficient security protocols, resulting in increased safety and security for correctional staff, inmates and the public.

FUNDING	
LRBP Cash	\$135,000,000
TOTAL	\$135,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$121,500,000
Consultant Services	\$13,500,000
TOTAL	\$135,000,000

PRIORITY CD-07

WATER LINE REPLACEMENT

MONTANA STATE PRISON

\$3,000,000

The project will upgrade the water supply system at the Montana State Prison to meet current and future water requirements in all buildings while meeting current water standards and fire flow requirements.

The Montana Men’s Prison was built in the 1980’s including the water supply piping to each building. As the prison has grown, the water supply piping does not meet current fire flow requirements or current public water design standards.

The distribution system is a comprised pipe network with pipe diameters ranging from 1,090 lineal feet of 3-inch pipe, 8,466 lineal feet of 4-inch pipe, 13,707 lineal feet of 6-inch pipe, 14,988 lineal feet of 8-inch pipe, and 5,770 lineal feet of 10-inch pipe with pipes being materials primarily comprised of PVC, galvanized steel, and suspected asbestos pipe. An engineering consultant report recommends upgrading all 3” and 4” pipe to 6” pipe to meet fire flow requirements. Without these upgrades, MSP may face actions/citations from the State Fire Marshall and the DEQ. There is not enough water flow to adequately fight fires, and there is possible water supply contamination from old and broken pipes.

Upgrades to the water supply system including new piping, proper back flow prevention, proper fire hydrants, and other improvements will ensure that the DOC can appropriately respond to fire situations and eliminate any concern with non-compliance with fire codes and environmental requirements.



DOC applied for and was awarded an ARPA water system grant for \$2,000,000 which has assisted in commencing design and addressing some deficiencies. This \$3,000,000 request will be added to the federal grant funding to continue upgrades to the overall system.

FUNDING	
LRBP Cash	\$3,000,000
TOTAL	\$3,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$2,700,000
Consultant Services	\$300,000
TOTAL	\$3,000,000

PRIORITY CD-08

ENTRY / STAFF SERVICES ADDITION TO WALLACE BLDG

MONTANA STATE PRISON

\$12,800,000

This project funding request proposes to build an addition to the Wallace Building at Montana State Prison (MSP). The addition will provide much needed space for staff training, physical conditioning, and sleeping accommodations.

Training, physical conditioning, and sufficient rest are important characteristics to maintaining employee safety, morale, and general wellbeing. The layout of the existing Wallace Building is inadequate in providing available training and physical conditioning space dedicated for staff. Many MSP staff commute from Butte, Anaconda, or farther distances due to the lack of available housing in Deer Lodge. There are no accommodations for staff to rest when inclement weather conditions make commuting dangerous or when they are required to work long or multiple shifts. Insufficient sleep can pose health and safety risks for staff who must think clearly and act quickly to diffuse difficult situations. Providing improved training and physical conditioning facilities and sleeping quarters as employee resources to support the well-being and safety of staff may also be considered a “perk” to aid in employee recruitment and retention.



Employee recruitment and retention continues to be a challenge for the department. Constructing the Wallace Building Addition with the amenities proposed is one of many creative approaches by DOC to solve on-going staffing issues. The ability for DOC to maintain baseline staffing and reduce the need for multiple shifts and overtime requirements will in turn balance the safety and security of DOC staff, the public and individuals in custody, as well as sustain the overall safety and security of the MSP facility.

FUNDING	
LRBP Cash	\$12,800,000
TOTAL	\$12,800,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$11,520,000
Consultant Services	\$1,280,000
TOTAL	\$12,800,000

PRIORITY CD-09

REPLACE ROOFS

MONTANA STATE PRISON \$5,600,000

This project will replace roofs on the Restricted Housing Units, Infirmary Unit, Low Side Visiting, High Side Gym, High Side Kitchen, Wallace Building, and Unit F.

As part of the development of a Strategic Development Master Plan for Department of Corrections facilities, buildings at the Montana State Prison (MSP) were surveyed by consultant Cushing Terrell’s team of architects and engineers to develop a long-range framework for facility improvements. The report indicated that most buildings are not aging well and suffer from extensive deferred maintenance and hard use 24 hours a day, 7 days a week. Roofs in particular were noted as needing immediate attention with recommendations for the following buildings:

Restricted Housing Units

Removal of ballasted membrane and installation of a new single-ply reinforced membrane system, insulation, flashings, and associated sealants.

Infirmary Unit 1

Installation of new single-ply reinforced membrane roofing system, direct to deck rigid insulation, flashings, and associated sealants.

High Side Gym

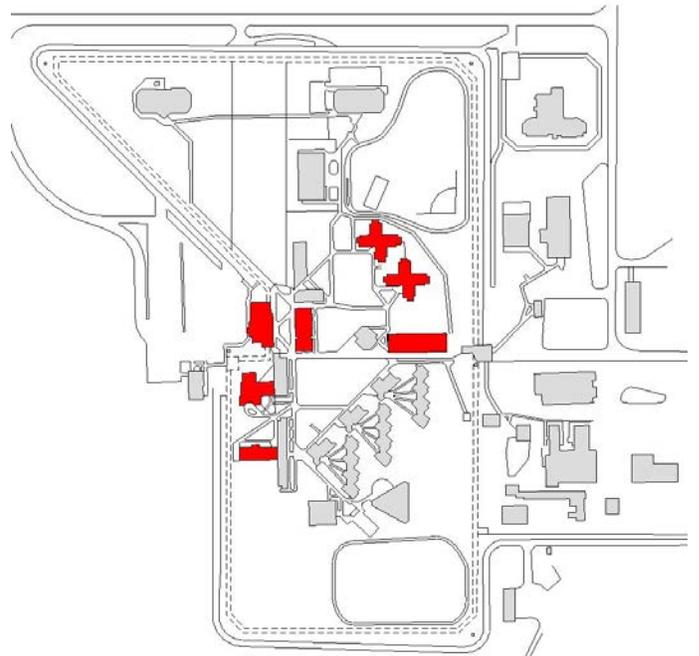
Removal of foam over roof over metal building panel roof. Installation of a new metal deck over metal building panel roof, vapor barrier, insulation, membrane, flashing, and sealants as applicable.

Wallace Building

Removal of single-ply membrane assembly to metal deck. Installation of a new single-ply membrane, rigid insulate and flashings.

Unit F

Removal of existing asphalt shingles. Installation of new asphalt shingles, slip sheet, ice and water shield, flashings and fascia trim.



FUNDING	
LRBP Cash	\$5,600,000
TOTAL	\$5,600,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$5,040,000
Consultant Services	\$560,000
TOTAL	\$5,600,000

PRIORITY CD-10

XANTHOPOULOS BUILDING REPAIRS

DEPARTMENT OF CORRECTIONS \$2,950,000

The Xanthopoulos Building, a Department of Correction facility located on the campus of Montana State Hospital in Warm Springs, needs miscellaneous facility maintenance and repairs, particularly replacement of the existing roof, to prevent further damage to the building and ensure continued use by DOC for the WATCH program.

WATCH provides community corrections chemical dependency treatment program services to adult male felony fourth and subsequent DUI offenders. Although the program is a treatment program, individuals at the facility are still offenders. The X-Building is a secure facility with the capacity of 115 individuals. As a cost-effective sentencing alternative, individuals receive treatment in lieu of extended stays in jail or prison. Providing miscellaneous maintenance and repairs to and replacing the roof on the X-Building will ensure its future use for programs like WATCH.

The existing roof system on the X-Building has exceeded its useful life expectancy. Leaks continue to develop and are patched. Because of the age and condition of the roof membrane, the roof will continue to deteriorate. Leaks will continue to occur. Until the roof system is replaced, damage to the building structure and interior finishes will continue, resulting in costly future repairs and replacements to the building and posing health and safety risks to offenders and staff occupying the building.

Included in this request are repairs to various building components (i.e., existing exterior stucco finish, loading dock repairs, etc.) and interior building finishes damaged by the roof leaks (i.e.,



insulation, ceiling tile, wall finishes, paint, floor coverings, etc.). Installation of a new fire alarm system and replacement of the backup generator will provide crucial life safety improvements to the facility.

FUNDING	
LRBP Cash	\$2,950,000
TOTAL	\$2,950,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$2,655,000
Consultant Services	\$295,000
TOTAL	\$2,950,000

PRIORITY CD-11

NEW MULTI-PURPOSE PROGRAMS BUILDING

MONTANA STATE PRISON

\$9,000,000

This project request is to construct two new multi-purpose buildings in the high-security section of the Montana State Prison. These facilities would enhance educational and treatment programming opportunities for high-security inmates.

Currently there is a significant shortfall of programming space available for high-security inmates. These facilities would enhance educational and treatment programming services offered at Montana State Prison. Basic education offering such as HiSET and college bridge classes would be expanded, increasing capacity to accommodate current waiting list requests. Based on labor market data, vocational training would be offered in conjunction with career pathway potentials and available/logical industry partnerships (all of which are continually evolving). Offering of Cognitive Behavioral Therapies addressing substance abuse and mental health and wellness groups would also be expanded to meet current demands.

The addition of these buildings on the Montana State Prison campus will provide the needed space to address the shortfalls in educational and treatment programming opportunities for high-security inmates. The proper siting and locations of these facilities will increase the overall safety and security of the campus by reducing the amount of movement required by offenders to access these programs.

FUNDING	
LRBP Cash	\$9,000,000
TOTAL	\$9,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$8,100,000
Consultant Services	\$900,000
TOTAL	\$9,000,000

PRIORITY CD-14

ROOF REPLACEMENT

MONTANA WOMEN'S PRISON \$5,000,000

This project will replace all roofs at the Montana Women's Prison.

MWP is a 250-bed secure facility near downtown Billings that houses approximately 225 felony inmates. The facility provides a secure environment that offers evidence-based programming designed to assist them when they transition back to Montana communities.



Recent inspections found issues on all roofs:

Main Building: Sloped metal standing seam roof assembly with some EPDM membrane. Seams and flashings at curbs are having issues. Main leaking is coming from the steel roof at equipment curbs, edge flashings, and seaming of steel roof members. Insulation is assumed to be original to the building and will be assessed to determine if replacement is needed. The original dark bronze color of the metal roof has faded.

Chapel: EPDM membrane roof. Leaks throughout with damage on the inside. Exterior envelope damage with failed seals at EIFS system has contributed along with roof to damage on inside. Moisture has been penetrating the EIFS system for years. Repair



work will be done as needed on EIFS envelope along with roof redo.

Industries: Hypalon membrane roof is at the end of its useful life. The membrane fabric has areas where mold & mildew is growing. Membrane flashings at curbs, parapet conditions deteriorating. Membrane is chalking whereas the scrim reinforcement is showing through the membrane.

Main Tower Housing: Hypalon membrane roof experiencing issues around equipment and membrane deterioration throughout. Membrane flashings at curbs, parapet conditions deteriorating. Membrane is chalking whereas the scrim reinforcement is showing through the membrane.

FUNDING	
LRBP Cash	\$5,000,000
TOTAL	\$5,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$4,500,000
Consultant Services	\$500,000
TOTAL	\$5,000,000

PRIORITY CD-21

CHECK POINT BUILDING / WALLACE BUILDING SECURITY ENHANCEMENTS

MONTANA STATE PRISON
\$3,000,000

This project will enhance security and safety to the two main entry points at Montana State Prison, the check point at the main entrance to the prison campus and the Wallace Building. Security enhancements to the Wallace entry may be completed in association with the project titled “Entry/Staff Services to the Wallace Building”.

The existing check point does not provide the proper logistics and security to avert high-threat access to the campus. It is located beyond existing access roads to portions of the campus, not requiring all vehicles entering the facility to be screened. This location positions the check point booth down a hill from the main road. Guard personnel’s view of vehicles approaching on the main road and entering the control zone are obscured by the topography, existing buildings, and vegetation. No physical barriers are provided to effectively slow oncoming vehicles approaching the check point or protecting the booth from vehicle impact. There are no means provided to prevent unauthorized vehicle movement from the inspection zone.

Once processed and cleared at the check point, most individuals proceed to the Wallace Building, which houses MSP administration and is the primary entrance to the secure correctional environment. All staff and visitors enter/exit through the Wallace Building. Staff clock in/out and prepare to report to or from their duty station. Visitors are screened and wait in the lobby to be escorted to their destination, creating congestion and bottlenecks in the entrance area.

This project proposes to make physical improvements to increase the security and safety of the entrance lobby area, prevent unauthorized

building access and reduce congestion. Reconfiguring the entry area will provide increased visibility and improve pedestrian flow for both staff and visitors. Installation of an electronic card scan system will replace the antiquated chip system for tracking employees and their duty locations, expediting the employee check in/out process. Upgrades to the current inmate count system will provide real-time counts of inmates. The door control system in the MSP secure environment will be upgraded, enhancing safety and security throughout the facility.



Once completed, these enhancements and updates to the main entry points to MSP will provide a safer environment for staff, inmates, and visitors to Montana State Prison.

FUNDING	
LRBP Cash	\$3,000,000
TOTAL	\$3,000,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$2,700,000
Consultant Services	\$300,000
TOTAL	\$3,000,000

PRIORITY **AO CD-08**

MOTOR VEHICLE VENTILATION & PAINT / SANDBLASTING BOOTHS

MONTANA CORRECTIONAL ENTERPRISES \$590,000

The Motor Vehicle Maintenance (MVM) shop at Montana State Prison offers vocational training and on-the-job experience to inmates. These opportunities prepare them with skills for entry level employment, work ethics, and integration into the work force as productive employees when they return to the community.



MVM vehicle services keep inmates active and engaged while incarcerated. They learn automotive technology and perform all aspects of vehicle repair and maintenance including preventive maintenance (fluid and filter changes, belt replacement, tire repair, etc.), overhauls of major components (engines rebuilds, transmission rebuilds, etc.) and complete vehicle refurbishment and restoration, including upholstery repair and reupholstering. Inmates' involvement in the automotive programs at MVM earn on-the-job training experience and while performing motor vehicle maintenance can earn their ASE Student Certification. Auto body services offered by MVM include body panel repair and replacement, complete paint jobs, body electrical repair and windshield replacements for all types of vehicles and equipment. In addition, MVM offers services to completely repurpose vehicles and equipment such as military surplus trucks for wild land fires

and specializes in restoration of antique vehicles such as fire trucks, police cars and tractors. The main automotive programs portion of the MVM building is not equipped with sufficient ventilation to comply with current codes. The existing vehicle exhaust system requires upgrade to bring it into compliance with current ventilation standards and codes for an automotive repair shop. The auto body shop does not have suitable space with adequate ventilation to perform certain auto body work and paint functions. An actual paint booth with proper mechanical ventilation, heating and filtrations systems must be constructed to provide a safe environment for inmates and correctional staff when working with hazardous automotive body and paint materials. The existing sand blasting area is currently in the process of being upgraded by MSP.

Investment in MVM programs at Montana State Prison ensure vehicle related vocational opportunities continue to be offered to inmates. When they return to their communities as contributing members of society, they are productive employees with entry level job skills, work ethic, and improved self-confidence.

FUNDING	
Authority	\$590,000
TOTAL	\$590,000

ESTIMATED PROJECT COSTS	
Construction Costs	\$531,000
Consultant Services	\$59,000
TOTAL	\$590,000