

Indiana Department of Correction

Construction Services Division

Capital Budget Request Summary

Fiscal Years 2014/2015

Priority #1, Replace Roof on the Maximum Control Complex (MCC) at Westville Correctional Facility

The roof on the MCC is in excess of twenty years old. The harsh winter in this "Lake Effect" snow zone has degraded the roof membrane to a point where replacement is warranted. Numerous repairs have been affected to temporarily control the leaks. The roof has reached the end of its service life.

\$1,150,000

Priority #2, Repair Exterior Masonry on Reception Diagnostic Facility

The RDC structure is in excess of fifty years old and has a masonry exterior. Structural settling and weathering has lead to cracks in the masonry finish on the exterior, predominantly on the south side. If not repaired, water will continue to infiltrate and further degrade the structure, elevating future costs through the advancement of the damage and enlarging the scope of work to repair.

\$242,000

Priority #3, Construct New Maintenance Building at Chain O' Lakes Correctional Facility

The maintenance building at the Chain O' Lakes Correctional Facility is of unknown age and poor design. Its physical condition and structural integrity are severely degraded. This structure houses the entire physical plant maintenance component for this facility, automotive maintenance, as well as all electrical feeds and switchgear for the facility. This request demolishes the existing structure in place and replaces it with a post frame building in its current location.

\$180,000

Priority #4, Replace Powerhouse Switchgear at Putnamville Correctional Facility

The powerhouse switchgear controls the incoming high voltage distribution to all areas of the Putnamville Correctional Facility. The current switchgear was installed in the 1940's and is obsolete. Repair parts for these large switch cabinets are no longer manufactured or available from any source. This project replaces all the switchgear with modern units of current design and adds automatic (as opposed to manual) operation of the high voltage switches to provide uninterrupted switching of emergency and commercial power throughout the facility.

\$605,000

Priority #5, Replace Fire Alarm System in Housing Units

The current fire alarm systems in the housing units at Putnamville Correctional Facility range in age from the late 1970's to early 1990's. Several of the systems represented are no longer manufactured or supported by any service provider or aftermarket parts supplier, resulting in excessive ongoing maintenance costs and extremely high failure rates and downtime requiring human "fire watches" be used to provide for fire protection. This project requests funding to replace six systems in the housing units with new ones of modern, sustainable design.

\$650,000

Priority #6, Replace Windows in the Segregation Housing Unit at Correctional Industrial Facility

The segregation housing unit houses the most disruptive offenders at the facility. Constructed in the early 1980's, the structure has taken in excess of thirty years of physical abuse by the violent disruptive offenders. The windows hardware is damaged, destroyed, and not repairable. This project requests funding to install new detention grade windows, of modern design, that can resist the physical damage. The damaged windows, with broken hardware, present an imminent security threat by allowing items to be passed through the windows by the offenders and the ability for the broken mechanical pieces to be used as weapons.

\$700,000

Priority #7, Repair and Refurbish the Perimeter Wall at Pendleton Correctional Facility

The Pendleton Correctional Facility was constructed in 1923 as the Indiana Reformatory. Its predominant physical security feature is a thirty foot concrete wall around the facility with guard towers and elevated shooting positions. The wall has suffered from weathering and degradation over the years and extensive repairs are required to keep it stable and maintained. This project requests funding to refurbish the wall and restore it using offender labor combined with IDOC Construction Services Division equipment and personnel, to minimize costs. Engineering and method of repair validation has already been accomplished.

\$3,200,000

Priority #8, Replace Environmental Controls at Correctional Industrial Facility

The Correctional Industrial Facility is a high-medium security facility with 9 structures within its perimeter, all built in the early 1980's using pneumatic controls typical of that era. The pneumatic units, devices, connections and controllers have failed in several areas thus not allowing for control of heating and cooling to the structures, requiring manual manipulation of the valves with poor results and gross loss of energy efficiency. This project will install digital controls used at many other IDOC facilities, while restoring operational capability and efficiency.

\$326,000

Priority #9, Steam Line Replacement at Indiana State Prison

The Indiana State Prison is Indiana's oldest correctional facility, constructed in 1863, and uses steam energy for food production, hot water generation and heating. The steam is distributed through a network of underground security tunnels (built at the time of original construction) to all areas of the facility. Over recent biennia, several projects have been approved and are underway to restore these tunnels to a good state of repair and structural integrity. This project requests funding to continue that replacement by rerouting several large steam mains, replacing valves, and repairing the brick lined tunnel tops with cast concrete panels.

\$1,200,000

Priority #10, Design and Construct a New Laundry Facility at Indiana State Prison

The current laundry facility at the Indiana State Prison was constructed in the early 1960's and was outfitted at the time with military surplus laundry equipment from WWII era naval battleships. Repair parts have had to be secured from recycling centers and other creative means (including Ebay) that do not allow for efficient operations, not considering the hugely inefficient energy requirements of this equipment. The structure has physically degraded from weathering, and poor initial construction, to a point where replacement is warranted. The structure has extensive structural masonry damage that is not cost effective to repair. This project replaces the structure and equipment with one of new design, on an already prepared site, within the wall of the Indiana State Prison, modeled after one currently under construction at Wabash Valley Correctional Facility.

\$3,250,000

Priority #11, Design and Construct a New Security Building at Indiana State Prison

The current security building at Indiana State Prison is located inside the walls of the maximum security facility; it houses custody offices, as well as the only State execution facilities in the Agency. The structure was built in 1923 and suffers from extensive structural weathering and degradation and is not feasible to rehabilitate due to structural inadequacies. This project constructs a modern structure, in an already prepared space, inside the walls of the facility and greatly reduces the current utility footprint of the 1923 structure to more efficient, effective use of space.

\$2,200,000

Priority #12, Rehabilitate Housing Unit Roof Membranes at Westville Correctional Facility

The numerous structures within the Westville Correctional Facility were built in the late 1950's and are of various types of construction. Due to their location within the "Lake Effect Snow Zone," they receive weathering at a much higher rate than those in other parts of Indiana. This project funds materials for coating and maintenance of the roof membranes to preserve them for years to come. Without this maintenance, they will require several million dollars of replacement within the next five years.

\$212,000

Priority #13, Rehabilitate Housing Unit Roof Membranes at Correctional Industrial Facility Phase II

These housing units at CIF were built in the late 1980's. The roofs have eroded to the point where refurbishment is required. This project provides materials to rehabilitate the roof membrane on the north half of the campus; the south half was completed in FY12. This project utilizes offender labor and Construction Services Division staff to reduce the cost. If not accomplished, several million dollars worth of roof replacement will be required within the next five years.

\$90,000

Priority #14, Rehabilitate Roof Membranes on Various Structures at IREF

The structures included in this project were all constructed in the 1970's and required scheduled maintenance to defer replacement costs, which would exceed \$1 million at this site. All work will be accomplished using offender labor and Construction Services Division staff to manage the process.

\$90,000

Priority #15, Install Emergency Power to Administration and Security Command Center at the Indiana Women's Prison

The Indiana Women's Prison houses maximum security female felons, including many for capital crimes. This project requests funding to install an emergency generator and associated electrical hardware to provide emergency power in the event of a commercial outage to their administration building and emergency command center which contains communications, armory, locking control center, perimeter video security and other critical functions. This is a new installation; the structure was not built with any emergency generation capacity.

\$312,000

Priority #16, Install Digital HVAC Controls at Madison Juvenile Correctional Facility

The Madison Juvenile Correctional Facility was constructed in the 1950's as a FSSA facility and was renovated and opened as a Juvenile facility in 2009, using previously abandoned structures slated for demolition. The structures have perfectly working heating and cooling units, but no ability to regulate the temperature other than by manual control, closing and opening valves leading to operation disruption and incredible energy loss and increased costs. This project installs digital controls and ties these units into the HVAC control network for the entire campus.

\$375,000

Priority #17, Refurbish Perimeter Lighting at the Indiana Women's Prison

The Indiana Women's Prison houses maximum security female felons, many serving sentences for capital crimes. The perimeter lighting at the facility is inadequate for the security level and does not provide enough light to allow for effective campus security. This project requests funds to install new plasma security lighting improving light quality and quantity, while reducing operating costs through energy conservation.

\$315,000

Priority #18, Install Digital HVAC Controls at Madison Adult Correctional Facility

The Madison Adult Correctional Facility was constructed in the 1950's as a FSSA facility and was renovated and opened as a female adult facility in 2006, using previously abandoned structures slated for demolition. The structures have perfectly working heating and cooling units, but no ability to regulate the temperature other than by manual control, closing and opening valves leading to operation disruption and incredible energy loss and increased costs. This project installs digital controls and ties these units into the HVAC controls network for the entire campus.

\$375,000

Priority #19, Install Digital HVAC Controls at South Bend Community Re Entry Facility

The South Bend Community Re Entry Facility was constructed without centralized environmental controls and cannot be effectively heated or cooled using the poorly designed system that is currently in place. This project removes the current inadequate system and replaces it with a digital control system. This retrofit results in operational savings due to reduced energy costs and prevents operational disruption due to temperature fluctuations.

\$360,000

Priority #20, Chain O' Lakes Correctional Facility, Environmental Closure of Waste Water Lagoon

In 2010, Chain O' Lakes Correctional Facility waste water system was merged with that of the State Park that it resides in, eliminating the operational costs of a separate waste water plant and manpower. This project requests funding to demolish the existing plant, its associated hardware, and dispose of the residual heavy metal and contaminated soil through a certified contractor.

\$190,000

Priority #21, Renovate Non Lethal Electrified Perimeter at Westville Correctional Facility

The Westville Correctional Facility has the state's prototype non lethal electrified perimeter, installed in 2001. The manufacturer did not survive the economic downturn and went out of business, eliminating any ability to obtain repair parts. This request renovates the fence system to the configuration of the others in the state using "Gallagher" controllers and energizers which are readily available and already in stock across our Agency.

\$850,000

Priority #22, Construct Education Building at Camp Summit Juvenile Correctional Facility

Currently, Camp Summit delivers educational programming to their Juvenile population in three temporary mobile trailers, approximately thirty years old. They have greatly exceeded their designed life expectancy and are in need of replacement. This project uses offender labor and management by Construction Services Division, to build a new classroom building to meet the needs of the juvenile population.

\$250,000

Priority #23, Install a Non Lethal Electrified Perimeter at Putnamville Correctional Facility

Currently, the Putnamville Correctional Facility, a medium security adult male facility, is surrounded with two twelve foot tall chain link fences, each topped with three rows of razor wire, and then augmented with 6 security towers that are manned with armed officers continually, around the clock, every day of the year. The requested installation reduces the number of manned positions and eliminates several towers completely. This same system is installed or proposed at every IDOC adult facility with security levels above minimum. It is the most effective means of providing for public safety that exists in the country today, and it pays for itself in operational savings within five years by reducing manpower.

\$965,000

Priority #24, Install a Non Lethal Electrified Perimeter at Plainfield Correctional Facility

Currently, the Plainfield Correctional Facility, a medium security adult male facility, is surrounded with two twelve foot tall chain link fences, each topped with three rows of razor wire, and then augmented with 6 security towers that are manned with armed officers continually, around the clock, every day of the year. The requested installation reduces the number of manned positions and eliminates several towers completely. This same system is installed or proposed at every IDOC adult facility with a security level above minimum. It is the most effective means of providing for public safety that exists in the country today, and it pays for itself in operational savings within five years by reducing manpower.

\$980,000