

LARAMIE COUNTY CLERK BOARD OF COUNTY COMMISSIONERS AGENDA ITEM PROCESSING FORM

1. DATE OF PROPOSED ACTION: December 5, 2017

2. AGENDA ITEM: Appointments Bids/Purchases Claims
Contracts/agreements/leases **Grants** Land Use: Variances/Board App/Plats
Proclamations Public Hearings/Rules & Reg's Reports & Public Petitions
Resolutions Other

3. DEPARTMENT: Grants

APPLICANT: Sheriff Detention

AGENT: Sandra Newland

4. DESCRIPTION: Consideration of a resolution certifying that the Governing Body of Laramie County has agreed upon submitting a BFY15/16 SLIB Consensus application for replacing the Detention Center Pumps in the amount of \$71,209 to go before the SLIB Board on 2/1/18.

5. DOCUMENTATION: 2 originals

RECEIVED AND APPROVED AS
TO FORM ONLY BY THE
LARAMIE COUNTY ATTORNEY



Clerks Use Only:

Commissioner

Ash _____

Heath _____

Holmes _____

Kailey _____

Thompson _____

Action _____

Postponed/Tabled _____

Signatures

Co Attny _____

Assist Co Attny _____

Grants Manager _____

Outside Agency _____

RESOLUTION _____

ENTITLED: "A RESOLUTION CERTIFYING THAT THE GOVERNING BODY OF LARAMIE COUNTY HAS AGREED UPON THE LARAMIE COUNTY SHERIFF DETENTION CENTER PUMP PROJECT, TO BE SUBMITTED TO THE STATE LOAN AND INVESTMENT BOARD FOR COUNTYWIDE CONSENSUS BLOCK GRANT FUNDING OUT OF BFY 2015/2016 IN THE AMOUNT OF \$71,209.00."

Whereas, the Governing Body of Laramie County desires to participate in the State Loan and Investment Board's Chapter 32 Countywide Consensus Block Grant program; and

Whereas, the rules of the State Loan and Investment Board require that application for funds under this program be made by the Board of County Commissioners and agreed to by municipalities representing at least 70% of the county's incorporated population; and

Whereas, the Governing Body for Laramie County and Cheyenne represents greater than 70% of the incorporated population of Laramie County;

THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF LARAMIE COUNTY, WYOMING

That Laramie County will make application to the State Loan and Investment Board for the Laramie County Sheriff Detention Center Pump project set forth in the FY 2015/2016 Countywide Consensus Block Grant Application and Summary form; and

To direct Sandra Newland, or her successor in the position of Laramie County Grants Manager, as agent of the Laramie County Board of Commissioners to execute and submit applications and certifications which may be necessary for this grant application.

PRESENTED, READ AND ADOPTED THIS 5th DAY OF DECEMBER 2017.


Troy Thompson, Chairman

ATTEST:

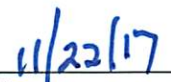
Debra Lee, Laramie County Clerk

Date

Received And Approved As To Form Only By:



Mark Voss
County Attorney



Date

State of Wyoming
State Loan and Investment Board
Infrastructure Financing
Application

CWC ☒ MRG ☐

Applicant: Laramie County, Wyoming Date: 11/21/2017

Mailing Address: 310 W. 20th Street Contact Person: Sandra Newland

City: Cheyenne State: Wyoming Zip: 82001

E-Mail Address: commissioners@laramiecounty.com E-Mail Address: snewland@laramiecounty.com

Phone No.: 307-633-4260 Phone No.: 307-633-4201

Fax No. : 307-633-4285 Population: 91,738

Applicant's Tax ID No.: 83-6000111 County: Laramie

Type of Entity: County ☒ Joint Powers Board ☐ Municipality ☐ Special District ☐

Other (Explain) _____

Population of Applicant: 30,661 Total Population Served By Project (Directly/Indirectly): 30,661

Percentage of applicant's population directly served by the project: 1% or 330 (inmates)

Applicant's submitting multiple applications must establish priority ranking: Priority # 1 of 1

Name of Project: Detention Pumps

Project Schedule (Includes Planning, Design, and Construction): Start Date: 2/15/2018 End Date: 2/15/2019

List all funding sources for the project other than current request:

Funding Source (If approved, list grant/loan #)	Amount	Status		Amount Expended
		Pending	Approved	
Total	\$0.00			\$0.00

Amount of Funds Requested: \$71,209.00

Estimated Total Project Cost: \$71,209.00

Balance of Project Incomplete: \$71,209.00

Estimated reimbursement Rate: 100%

(Final Reimbursement Rate is Determined by Board Approved Amount)

Name of Applicant: Laramie County, Wyoming

Name of Project Detention Pumps

Is project needed to meet federal or state health and/or safety
(If yes, provide specific health or safety requirement project will
address)

Yes	No
	X

Do you have an Administrative Order?
(If yes, provide copy of the Administrative Order) - MRG Only

Yes	No
	X

Water and/or Sewer Project?
(If yes, complete Water/Sewer Questionnaire for project requests in
excess of 50%) – MRG Only

Yes	No
	X

Street and/or Road Project?
(If yes, complete Street Questionnaire) – MRG Only

Yes	No
	X

Fire Apparatus Project?
(If yes, complete Fire Apparatus Questionnaire)

Yes	No
	X

Vehicle Project?
(If yes, complete Vehicle Replacement Certification form)

Yes	No
	X

If full funding is not received, what will applicant do?
If full funding is not received the applicant will look towards other resources for the completion of the project. The replacement of the
twenty-eight pumps is critical to mechanical infrastructure of the detention facility.

If additional funding is needed, where will the additional funds be obtained?
The County Commissioners will obtain any additional funds as needed.

Can the project be scaled back or phased?
(Provide explanation)
This is a stand alone project that cannot be phased or scaled back.

I certify that I am authorized to sign this application on behalf of our governing body, and the applicant will comply with all appropriate
requirements if approved. To the best of my knowledge and belief, the information in this application is true and correct. I understand the State
may review any relevant documents of instruments relating to the analysis of this application.

Troy Thompson Chairman
Name and Title (typed)

Signature Date

Sandra Newland, Grant Manager
Name and Title of Contact Person

307-633-4201 snewland@laramiecounty.com
Phone No. E-mail

SUBMISSION REQUIREMENTS: ALL DOCUMENTS MUST BE PRINTED ON 8 1/2 X 14 (LEGAL) SIZE PAPER. OFFICE OF STATE
LANDS AND INVESTMENTS. ATTN: GRANTS AND LOANS DEPARTMENT. HERSCHLER BUILDING 3rd WEST. 122 WEST 25th
CWC - Submit one (1) original Application and one (1) original Joint Resolution Form
MRG - Submit one (1) original and two (2) copies of Checklist, Application, Project Narrative, and Supporting Documentation.

Name of Project: Detention Pumps

Project Narrative: Provide a brief description of the project and why applicant needs the project. Narrative must include applicable items listed in the instructions for completing the Application Form. (Attach additional pages for project description if needed, must be legal size.)

Number of Attached Pages: 4

The Laramie County Commissioners are requesting the use of SLIB Consensus funds for the replacement of the Laramie County Detention Center Pumps. The Laramie County Detention Center was originally constructed in 1986 with an addition that was built in 2001. The proximity and connection to the County Courthouse requires this building to be in service far into the future. Many of the mechanical systems have been operating for more than 30 years. This is the case for numerous pumps that circulate heating and cooling water throughout the building to condition spaces. There are currently 28 primary and secondary pumps that are used throughout the facility cooling and heating systems. These pumps maintain constant volume and are either on or off depending upon the demand of the heating or cooling needed. This proposal is requesting funds to switch out these 28 constant flow pumps with six variable flow pumps. Variable flow primary pumping systems utilize variable flow water pumping to modulate cooling/heating water flows to meet demand and save operating costs. It is similar to the volume knob on a radio. Water flows are modulated with Variable Frequency Drive (VFD) controlled pumps based on the differential pressure across the water system. This optimizes the entire system performance. Also, less pump energy is required because no water valves, fittings, strainers and other secondary pumping components are required. Ongoing maintenance costs for this variable flow system will be less than with the current system, especially with the elimination of so many extra components. The result will be better control over the system as well as maintenance efficiency and energy savings. Plans are underway to construct a new five story cell pod onto the Detention Facility. As a result, the mechanical infrastructure is undergoing a major upgrade to extend the service life of the building and meet the new load demands. These variable flow pumps being requested here have a longer service life because their speed is modulated and are able to meet the expected load and service life requirements. By the time grant funds are awarded there will be a contractor working in the building to upgrade other mechanical infrastructure items. If these grant funds are awarded, this project would be added to their scope of work. Preliminary estimates have been completed for this project. If the grant funding is approved Laramie County will move forward under SLIB Consensus rules and regulations. The project can begin immediately upon funding.

Variable Frequency Drives Overview

Using Variable Frequency Drives

- The primary benefit of using VFDs is **energy efficiency**

—Power consumption by a VFD as a function of speed is considerably lower than a motor alone, especially when run at less than full speed

