

## Basic Information: Fresno County Public Library - FRESNO COUNTY PUBLIC LIBRARY - CENTRAL LIBRARY

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### Submission Date

05/18/2023

## Project Basics

### Applicant/Organization

Fresno County Public Library

### Organization Type

County

### Street Address

2420 Mariposa Street

### City

Fresno

### State

US-CA

### Zip Code

Fresno

### Project Name

Central Library

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## Library Facility

**Does this project involve an existing library facility, including new library buildings which will replace existing branches?**

Yes

### Library Facility

**For new library buildings which will replace existing branches, please select the existing branch.**

FRESNO COUNTY PUBLIC LIBRARY - CENTRAL LIBRARY

### Applications Can be Submitted by

Governing Body Only (e.g. City or County)

## Round 2 - Match Reduction Eligibility

50% - The local match may be reduced by 50 percent. Every dollar of grant funds must be met with 50 cents of local matching funds.

### Address

2420 MARIPOSA ST.

### City, State, Zip

FRESNO CA, 93721-2285

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### Is this library facility on or in a leased property?

No

### Is the Library Director of the Library Jurisdiction aware of this application/project?

Yes

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## Contact Information

### *Primary Application/Project Contact*

This contact will receive communications regarding this application.

#### First Name

Raman

#### Last Name

Bath

#### Title

County Librarian

#### Organization

Fresno County Public Library

#### Email

raman.bath@fresnolibrary.org

#### Phone Number

5596006203

*Additional Application/Project Contact (optional)*

**First Name**

Raman

**Last Name**

Bath

**Title**

County Librarian

**Organization**

Fresno County Public Library

**Email**

raman.bath@fresnolibrary.org

**Phone Number**

5596006203

*Authorized Representative*

This contact will sign grant agreements on behalf of the applicant organization.

**First Name**

Raman

**Last Name**

Bath

**Title**

County Librarian

**Organization**

Fresno County Public Library

**Email**

raman.bath@fresnolibrary.org

**Phone Number**

5596006203

*Certification Form*

A certification form signed by the representative (listed above) authorizing the submittal of this application is required. The certification form can be downloaded at: <https://www.library.ca.gov/wp-content/uploads/2023/02/Building-Forward-Round-2-Application-Approval-and->

[Certification.pdf](#)

**Certification Form (signed by the organization's authorized representative)**

[Round Two.pdf](#)

## Basic Information: [Attachments](#)

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### **Certification Form (signed by the organization's authorized representative)**

Round Two.pdf

## Building Forward Round Two

### APPLICATION APPROVAL & CERTIFICATION

#### Application(s)

List the organization applying for Building Forward Round Two funds along with the Library Jurisdiction and Facility related to the application. If multiple applications will be submitted, list all library facilities below and submit this signed form with each application.

<b>Applicant Organization:</b>	Fresno County Public Library
<b>Library Jurisdiction:</b>	Fresno County Public Library
<b>Library Facility or Facilities:</b>	Central Branch Library

#### Approval and Certification

The party below attest to and certify that the information provided in the submitted application(s) are true, complete, and accurate. If selected for funding, the applicant agrees to execute the project(s) based on the data provided in the application(s) and by all related rules and grant policies.

**AUTHORIZED REPRESENTATIVE OF THE APPLICANT ORGANIZATION** (signature of the person listed in the application as authorized to make an application and sign the grant agreement if awarded)

<b>Authorized Representative Name:</b>	Raman Bath
<b>Title:</b>	County Librarian
<b>Authorized Representative Signature:</b>	
<b>Date:</b>	05/16/2023

## Project Details

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### Project Information

When completing this section, please refer to the Building Forward Round 2 Guidelines and Frequently Asked Questions posted at: <https://www.library.ca.gov/grants/buildingforward>

#### **Describe briefly what you propose to do, for whom, and for what expected benefit(s).**

This grant will improve FCPL's roof, lighting, and windows and provide a backup AC and generator for the data server, which provides connectivity for the SJVLS Consortium, 10% of all public libraries in California. The Central Library serves the downtown neighborhood, an area with 35.23% poverty rate, and houses over 90 employees, including the FCPL and SJVLS headquarters. In FY 21/22, 1470 patrons attended programs, 29872 used public PCs, and 5182 new borrowers were added. The proposed improvements will create a safer, more energy efficient building for public and staff use and increase server stability for the entire SJVLS system.

#### **Describe the need that this proposed project is intended to address.**

Roof. There are currently leaks in several spots during heavy rain. Among the dangers of these leaks are damage to the SJVLS server, library materials including rare collections such as tribal, local history, and genealogy records (Central is also a federal and state depository), and office equipment including specialized printers and copiers, as well as employee and public safety hazards due to slip and fall accidents.

AC Unit. The portable AC unit and generator will be purchased for use during the roof replacement phase to allow FCPL to perform repairs without shutting down the servers, avoiding interrupting internet and phone service to over 100 branches within SJVLS. This will also provide a backup system in case of unplanned outages.

Windows. The windows currently do not seal properly, creating an insufficient barrier to temperature and poor air quality for both staff and patrons, in a region with high rates of asthma and allergies. The windows also lower the overall energy efficiency of the Central building resulting in a greater environmental impact.

Lighting. Needed upgrades to LED lighting will replace non-functioning and difficult to acquire fluorescent bulbs and fixtures, but will first require a thorough assessment of the building's electrical system.

#### **Describe the steps you took to determine that this need exists. For example, architectural reviews, building needs assessments, surveys, cost analyses, community meetings, focus groups, and the like.**

Opened in 1959, the Central Library has key systems needing modernization to improve energy efficiency and support the technological needs of 21st century library spaces. In 2018/2019, FCPL worked with Architectural Nexus to produce a Master Facilities Plan, assessing community needs and building conditions to recommend new facilities, capital improvements, and needed maintenance. Recommendations common to all branches are dual-pane windows and replacement of fluorescent lighting with LED. FCPL worked with a vendor to estimate replacement lighting costs and was informed that assessment of the building's 1950s electrical system would be needed first. The roof's disrepair is evidenced by many leaks throughout the building which are visible and pose a safety threat to staff and risk of damage to equipment and collections. Working with SJVLS staff to assess impact of the roofing project led to understanding of the potential damage to critical infrastructure in the data server room and throughout the network across 10 library jurisdictions and 100+ branches that could be caused by both roof leaks as well as projects undertaken without sufficient air conditioning and backup power alternatives. County Internal Services and Public Works and Planning were consulted in determining cost estimates and timelines for the proposed projects.

#### **Choose one primary project type:**

Current Building: Critical maintenance/renovation/modernization project

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## Additional Information

Select any of the following categories which apply to your proposed project. For more information about each category, please refer to the grant guidelines.

### Energy Efficiency

Yes

### Sustainability

No

### Expanding Digital Access

No

### Expanding Physical Access

No

**Describe your proposed project, including specific information about how the project would meet the critical maintenance need described in your response above.**

The Central Library acts as a regional library, central library, storage area, special library, administrative office, and the server storage for SJVLS Consortium. The lack of improvements to the Central Library is currently affecting both staff and the public in the following ways: roof leaks, burnt-out lights, ineffective insulation from weather or noise, and overall lack of energy efficiency. If left untreated this issue could lead to further damage, possible disruption of the SJVLS server, and further decreases in energy efficiency.

Roof leaks are currently creating damage to equipment and safety issues in both staff and public areas. Potentially, they could damage documents vital to State and Federal depository requirements. The current lighting system uses fluorescent bulbs that are becoming obsolete, making a new lighting system critical. The windows allow both temperature leaks and air particles in most areas of the building. Fresno experiences poor air quality during several months of the year and proper insulation is essential to the long-term health of the building and its inhabitants. The portable AC unit and generator will protect the SJVLS server while repairs are made and protect the server function during planned and unplanned power outages.

**Describe your proposed project, including specific information about how the project would meet the energy efficiency need described in your response above. Please use estimated numerical data to support your answer. For example, "This project will reduce the library's power consumption by an estimated X kilowatt hours per month".**

Many of the improvements planned for this grant target energy efficiency. Specifically, the lighting and window replacement will improve the overall energy efficiency of the building. The current windows and lighting electrical system are original to the building and have not received significant updates. Neither system is energy efficient, and upgrades will improve the overall energy usage of the building, with the LED lighting alone reducing energy usage by 20%.

Project Details: [Attachments](#)

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**Assessment/Study/Review 1**

**If applicable, describe past attempts to fund this project, including other funding sources sought and key obstacles in securing funds.**

Measure L (2008) was introduced to supplement the funding stream created with Measure B sales tax (1998). Where Measure B provided increased services, staffing, hours and materials, Measure L would prioritize facilities, including a new Central Library. Measure L did not pass. By 2008, deferred critical upgrades became urgent and maintenance for plumbing, electrical, fire suppression, and HVAC became difficult due to the age of the systems and triggered compliance concerns which would add additional cost to expensive repair projects on a building planned for replacement, not repair. The project was submitted in Round 1, but lacked adequate cost estimates.

**Describe how you will complete the project if only a portion of the requested funding is awarded.**

FCPL will complete the critical maintenance in stages based on potential impact and available resources. Priority will be given to the roof and portable generator and AC system. The roof repairs are a top priority given the severity of past and potential damage. The portable AC and generator are needed to avoid interrupting server function during complex repair and maintenance projects that require power disruptions. Once assessments of the windows and lights are completed this information will be used to determine which of these projects can be completed with remaining funds, supplemented by library reserves.

**Explain how you created the project budget. How were costs determined?**

FCPL worked with the County Internal Services and Public Works and Planning departments to provide estimates for projects, including some older vendor estimates adjusted for inflation. FCPL will be requesting the full contingency amount allowed to account for increased costs of labor and materials, and compliance issues which are expected due to the age of the building. FCPL will also use the highest allowable administrative costs allowed due to the complex, phased nature of the project.

**If total project costs are likely to be more than the requested grant amount plus the required local match, has the rest of the required funding been secured?**

No

**Explain how the project will be completed, including the funding source and the anticipated timeframe required to obtain the funding.**

The total project costs are not expected to exceed the requested grant amount; therefore, additional funds have not been secured for this purpose. If the total project costs exceed the requested amount due to unanticipated costs, the County and the Library's department head will assess whether reserve funds can be applied to complete the project.

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## **Supporting Documentation**

Supporting documentation will help support your application. All items should be directly related to the facility and project for which you are applying. If your item is part of a larger document or plan, only provide excerpts related to this application. Please try to keep each attachment to 20 pages or less. All items are optional.

### **Assessment/Study/Review 1**

Excerpts--Arch Nexus MFP (2019).docx

Excerpts--Arch Nexus MFP (2019).docx

### **Cost Analysis**

## **Assessment/Study/Review 2**

### **Cost Analysis**

Budget supporting document.xlsx

### **Planning Document**

### **Site Plan/Map**

CentralFloors.pdf

### **Other**

Timeline Gantt.xlsx

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## **Photos/Videos**

### **Video**

#### **Photo 1**

Roof leak photo.jpg

#### **Photo 2**

roof 8.jpg

#### **Photo 3**

#### **Photo 4**

#### **Photo 5**

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Budget supporting document.xlsx

## **Letters of Support**

### **Letter of Support 1**

Letter of Support SJVLS - FCPL Upgrades.docx

### **Letter of Support 2**

### **Letter of Support 3**

## **Site Plan/Map**

CentralFloors.pdf

## **Other**

Timeline Gantt.xlsx

### **Photo 1**

Roof leak photo.jpg

### **Photo 2**

roof 8.jpg

### **Letter of Support 1**

Letter of Support SJVLS - FCPL Upgrades.docx

## **County of Fresno Library Facilities Master Plan (Arch Nexus 2019)**

*Excerpts related to Central Library facilities improvements.*

In July 2019, the County Librarian presented the Master Facilities Plan, prepared by Architectural Nexus, to the County of Fresno Board of Supervisors to request direction regarding library facilities. [A link to the agenda item and full text of the 500-page report can be found here (File#19-0134, 7/9/2019):

<https://fresnocounty.legistar.com/LegislationDetail.aspx?ID=4053677&GUID=017C85D2-966A-4BF5-B29A-D4319DE6AE90&Options=&Search=> ]

The Arch Nexus plan focused primarily on 17 FCPL neighborhood branches, but also included recommendations common to all branches:

“Repair and replacement recommendations common to all branches are:

- Replacement of fluorescent building lighting with LED fixtures;
- Near-term mechanical unit replacement for older units near or past their useful life and future replacement of more recent units;
- Replacement of carpeting and painting of interiors” (p 3).

The Arch Nexus report also provides recommendations specific to the Central Library, which serves the entire County and houses administration for the Fresno County Library system as well as the San Joaquin Valley Library System consortium. While previous facilities planning recommended a new building for Central, the Arch Nexus plan recommends renovation and expansion (p 6). The current location of the Library however is locked in by other buildings with little or no room for feasible expansion and insufficient funding at this time to do more than modernize key existing building systems (p 7).

The table on p. 480 details anticipated construction costs for various renovation and replacement recommendations including roofing, lighting, and more.

“The buildings in the library system are in great need of improved energy efficiency. (...) It is recommended that Fresno take advantage of the great resource of the central valley, the sun, and provide solar energy for all new buildings, renovations, and existing buildings where feasible” (p 486). While solar panels are not part of this grant proposal, the roofing project will help ready the existing structure to accommodate solar panels as a future project.

The lighting project and addition of dropped ceilings will reduce energy usage and better regulate the building temperature easing heating and cooling energy demands.

Likewise, the windows project will improve insulation and reduce energy usage related to heating and cooling loss but as an added benefit, will create a better barrier against air pollution. The South Central Fresno area where the Central Library is located is included in the Community Air Protection Program established by Assembly Bill 617 (2017). South Central Fresno is impacted by freight operations, industry, freeways and like much of the Central Valley, subject to high asthma rates and cardiovascular disease, further exacerbated by frequent annual wild fire smoke: <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program/communities/south-central-fresno>



AC and Generator

System Name	Renewal Cost	System description
Generator	33500	Reliable power for very large residential or small business needs. Built to weather the storms, our largest natural gas/liquid propane generators with industrial-grade engines keep your family comfortable and your business running when a utility failure or storm knocks out power.
AC Unit	9294	The 6KK61 can provide some serious room cooling efficiencies in rooms approximately 1700 sq. ft.
Subtotal	42794	Total cost of new equipemtn purchase based on estimates

AC and Generator

Labor costs	8558.8	Labor costs have been calculated at 20% of estimated costs.
administrative costs	5135.28	Administrative costs have been calculated of 10% of project costs. Project costs included estimated labor costs.
contengency fund	5135.28	Contingency fund has been calculated of 10% of project costs. Project costs included estimated labor costs.
Total	\$61,623.36	

Roof

SYSTEM_NAME	RENEWAL COST	SYSTEM_DESCRIPTION
Accessible Ramp - Exterior Concrete	5178	Concrete in place, handicapped ramp w/ rails both sides, approx. 5' wide.
Modified Bitumen	617139	The roof covering is a modified bitumen system. Note: The exact age of the roof is unknown therefore the Observed Years Remaining has been set according to field observations.
Restroom Accessories	43240	The restroom accessories include typical mirror, grab bars, paper towel dispenser and disposal, toilet paper holder and soap dispenser. Quantity per each toilet fixture count.
Toilet Partitions	26957	Restrooms are equipped with average quality, floor-mounted metal toilet partitions. Note: The system observed years remaining is an average life remained of the toilet partition system.
Fittings - Signage	23488	Room, door and graphic symbol signs. Adhesive backs and Braille. Note: Signage is lacking at some locations and not all signage is fully complaint for braille and mounted location. New signage to be comply with current codes.
Boiler HW - Gas-Fired	145426	Heat is provided by a gas-fired hot water boiler. The boiler has a output rated for 1.5 MMBTUH
Fire Alarm System	684508	This building includes an average density fire alarm system. The fire alarm system includes: remote equipment, pull stations at all exit doors, audio/visual strobes, visual strobes, smoke detectors, conduit, wire and connections. The main fire alarm panel is a separate system. The system is beyond the end of its rated lifecycle but repairs and upgrades have maintained its capability. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Fire Alarm System - Panel Only	10872	This building includes a light density fire alarm system. This system covers only the main fire alarm panel located in the basement.
Security System - General	178110	The building is equipped with a security system. The security system includes: alarm panel, door contacts, motion detectors, conduit and wiring. The system is beyond the end of its rated lifecycle but repairs and upgrades have maintained its capability. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Subtotal	1734918	Total of renewal costs as provided by Fresno County Internal Services Division.
Labor Costs	346983.6	Labor costs have been calculated at 20% of renewal costs.
Administrative costs	208190.16	Administrative costs have been calculated of 10% of project costs. Project costs included estimated labor costs.
Contengency fund	208190.16	Contingency fund has been calculated of 10% of project costs. Project costs included estimated labor costs.
Total	\$2,498,281.92	

Windows

SYSTEM_NAME	RENEWAL COST	SYSTEM_DESCRIPTION
Aluminum Windows	706341	The building includes aluminum framed exterior units with non-insulating glass. Note: It was observed that the existing system appears to be in decent condition, therefore the extended life is justified.
Subtotal	706341	Total of renewal costs as provided by Fresno County Internal Services Division.
Labor Costs	141268.2	Labor costs have been calculated at 20% of renewal costs.
Administrative costs	84760.92	Administrative costs have been calculated of 10% of project costs. Project costs included estimated labor costs.
Contingency fund	84760.92	Contingency fund has been calculated of 10% of project costs. Project costs included estimated labor costs.
Total	\$1,017,131.04	

Electrical

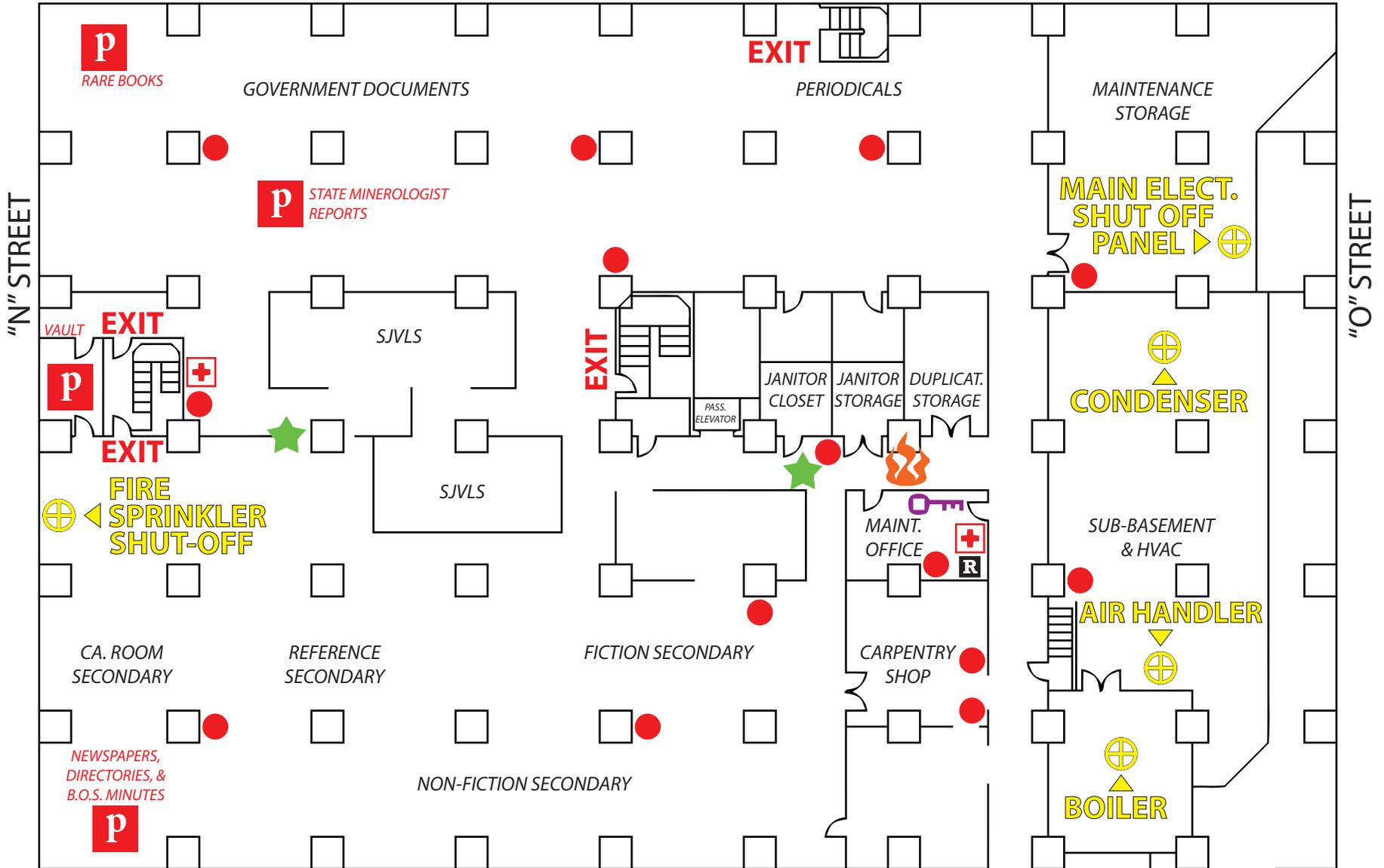
SYSTEM_NAME	RENEWAL COST	SYSTEM_DESCRIPTION
Electrical assessment	500000	Cost based on past assessment estimate, adjusted for inflation and scope of work.
Automa+2:9tic Openers - Pair	29300	Door hardware add-ons, automatic openers, commercial, electronic door opener, for single swing doors, pair, per opening, incl. motion sensor, 12V control box, motor, handicap actuator buttons and wiring.
Distribution Equipment, Panelboards, and Feeders - 800A 208Y/120V - 1982	586673	The electrical distribution system for this building includes an average concentration of panelboards, feeders, and associated equipment. This system is for those panelboards and equipment installed circa the 1982 renovation. The system is beyond the end of its rated lifecycle but repairs and upgrades have maintained its capability. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Distribution Equipment, Panelboards, and Feeders - 800A 208Y/120V - 2003	293337	The electrical distribution system for this building includes an average concentration of panelboards, feeders, and associated equipment. This system is for those panelboards and equipment that was installed circa the 2003 renovation.
Main Electrical Service - 1600A 480Y/277V - 1982	349676	The building includes a typical electrical service, which includes incoming feeders, main panel, and metering. The system is beyond the end of its rated lifecycle but repairs and upgrades have maintained its capability. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Main Electrical Service - 1600A 480Y/277V - 2003	54884	The main electrical service has one newer section of switchgear. The rest of the service is a separate system.
Motor Control Center - GE	37075	The building has a Motor Control Center located in the basement switchgear room. The MCC distributes power to fans and other major pieces of equipment in the building.
Motor Control Center - Mech Room	98752	The building has a Motor Control Center located in the mechanical room. The MCC distributes power to fans and other major pieces of equipment in the building. The MCC is beyond the end of its rated lifecycle but repairs and upgrades have maintained its capability. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Lighting - Exterior - Front Entry	6616	Exterior lighting consists of recessed CFL lighting in the overhangs at the front entry. The lights are beyond the end of their rated lifecycle but are operational. Years Observed have been adjusted to account for their condition. Renewal should be considered to ensure the system's reliability.

Electrical

Lighting - Exterior - Wall Packs	5333	Exterior lighting consists of HID wall pack units. The system is beyond the end of its rated lifecycle but is operational. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Branch Wiring - Equipment & Devices	557478	Branch wiring for this building includes a average concentration of interior and exterior branch wiring, devices, and utilization equipment. The system is beyond the end of its rated lifecycle but repairs and upgrades have maintained its capability. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Public Address System	173739	The building includes a light density public address system. The public address system includes as a minimum: amplifier, intercom/monitor, volume control, speakers (ceilings or walls), conduit and shielded wiring. The system is beyond the end of its rated lifecycle but repairs and upgrades have maintained its capability. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Telephone System	493458	The building includes an average density telephone system. The system is beyond the end of its rated lifecycle but is operational. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Emergency+2:14 Battery Pack Lights	151823	The emergency lighting system includes self-contained battery packs and lights. The system is beyond the end of its rated lifecycle but is operational. Years Observed have been adjusted to account for its condition. Renewal should be considered to ensure the system's reliability.
Subtotal	3338144	Total of replacement costs as provided by Fresno County Internal Services Division.
Labor Costs	667628.8	Labor costs have been calculated at 20% of renewal costs.
Adminstrative costs	400577.28	Administrative costs have been calculated of 10% of project costs. Project costs included estimated labor costs.
Contingency fund	400577.28	Contingency fund has been calculated of 10% of project costs. Project costs included estimated labor costs.
Total	\$4,806,927.36	

# CENTRAL LIBRARY BASEMENT

MARIPOSA STREET



 FIRE EXTINGUISHER (TYPE A-B-C)

 FIRE ALARM PULL BOX

 MAIN FIRE ALARM PANEL

 FIRST-AID KIT

 SALVAGE PRIORITY

 2-WAY RADIO (IN METAL DRAWERS)

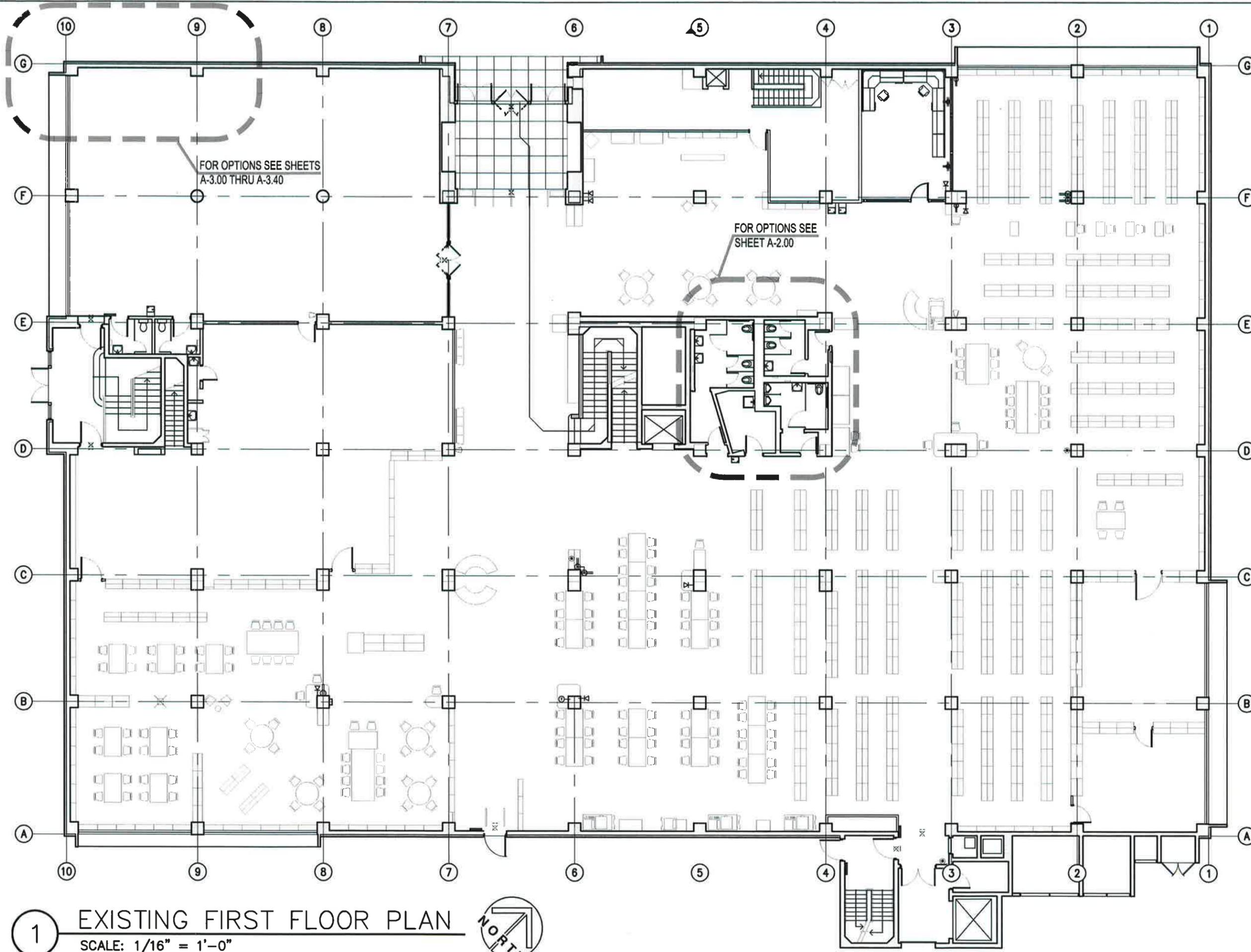
 KEY BOX (MASTERS)



CENTRAL LIBRARY IMPROVEMENTS

CAPITAL PROJECTS DIVISION  
2220 Tulare St., 8th Floor, Fresno, California 93721  
Phone: (559) 600-5206

DEPARTMENT OF  
PUBLIC WORKS  
AND PLANNING



1 EXISTING FIRST FLOOR PLAN  
SCALE: 1/16" = 1'-0"



CENTRAL LIBRARY IMPROVEMENTS

CAPITAL PROJECTS DIVISION  
2220 Tulare St., 8th Floor, Fresno, California 93721  
Phone: (559) 600-5206

DEPARTMENT OF  
PUBLIC WORKS  
AND PLANNING



Stair Exits good for 518 - max



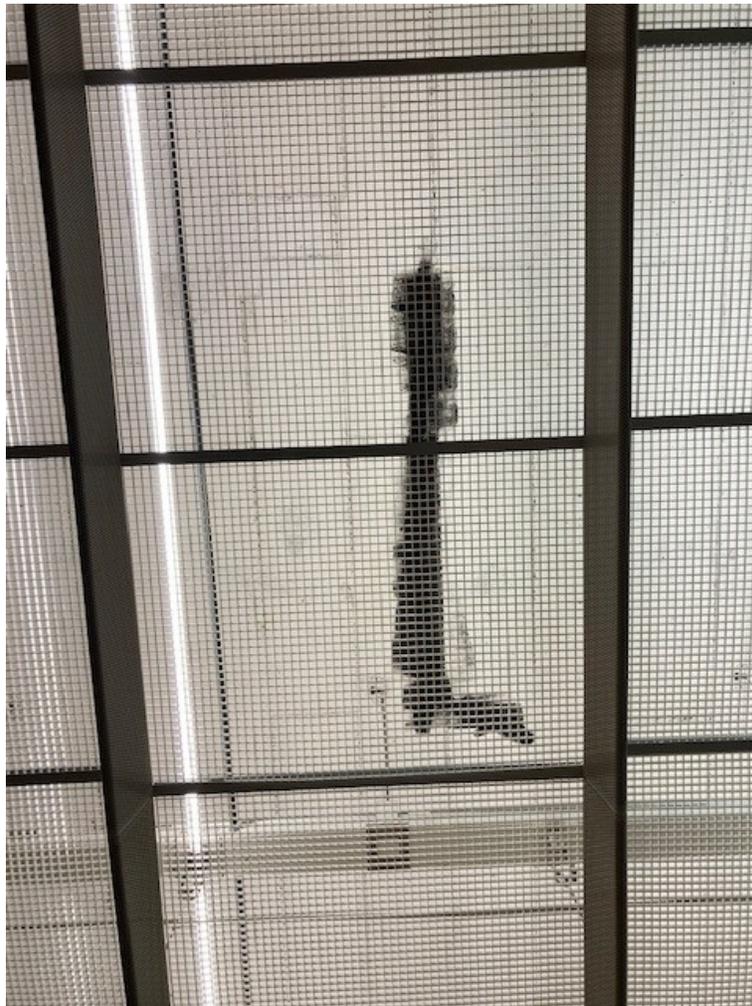
1 EXISTING SECOND FLOOR PLAN  
SCALE: 1/16" = 1'-0"

GROSS FLOOR AREA = 26,884 sq.ft.  
USEABLE NET FLOOR AREA  
(INCLUDING RESTROOMS) = 25,935 sq.ft.



Attachment: Roof-leak-photo.jpg

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Attachment: roof-8.jpg

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May 15, 2023

Building Forward Grant Review Committee  
PO Box 942837  
Sacramento, CA 94237-0001

Dear Grant Review Committee,

As the Administrative Librarian for the San Joaquin Valley Library System (SJVLS), I am writing to express my support for the Fresno County Public Library (FCPL) application to the California State Library's Building Forward Library Facilities Improvement Program to fund a number of critical infrastructure projects at its Central Library, including repair and replacement of the building's roof, lighting and windows, which will improve energy efficiency, help protect vital equipment and systems, as well as improve the safety, comfort and wellbeing of the staff and public who work in and visit the Central Library.

Of particular benefit to SJVLS is the proposed project to replace the Central Library roof. SJVLS is a library consortium composed of ten public library jurisdictions in seven counties in the Central Valley of California, including FCPL. SJVLS's service area spans approximately 26,000 square miles and serves over 100 library branches, representing approximately 10% of California libraries. SJVLS's Administrative Headquarters is currently located within FCPL's Central Library, including the data center, which hosts the consortia's integrated library system and related services for all SJVLS members. SJVLS operates a wide area network connecting all our member libraries together and providing connectivity back to the data center. Additionally, all FCPL library branch internet connectivity routes through FCPL's network equipment located in the data center, as well as their VOIP phone systems and Hirsh security badge traffic. As a result of this network configuration, the data center in the Central Library is critical infrastructure for library services in the Central Valley, and any disruption to operations has wide-ranging impacts, including the ability of other city and county library systems to provide library services to their residents.

The proposed replacement of the Central Library roof will require removal and/or deactivation of a dedicated HVAC unit which keeps the data center at an optimal temperature to prevent equipment from overheating. If the temperature in the data center exceeds 90 degrees, SJVLS must shut off equipment to protect it from damage. In order to complete the roofing project, FCPL will need to obtain a mobile air conditioning unit and power generator to ensure the data center does not overheat or lose power. The mobile air conditioning unit and backup generator will continue to supply benefits to FCPL and SJVLS beyond the scope of the roofing project, by providing equipment for disaster recovery in the event of an unexpected power outage, or HVAC equipment failures. This will ensure continuity of service for FCPL library branches and other SJVLS member libraries.

FCPL's proposal will not only allow for much needed improvements to the Central Library building, but it will also help protect the network infrastructure located within the Central Library that serves all FCPL library branches, as well as the other nine member jurisdictions of SJVLS.

Sincerely,

Chris Wymer  
Administrative Librarian - San Joaquin Valley Library System

## Budget & Timeline

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### Overview Timeline

Grant and local match funds must be used toward the project within four years after the execution of the Grant Agreement and Certification by both parties. Reporting will be required over 16 quarterly periods (every three months for four years).

Select the Quarter when key project milestones will be completed. Select quarters based on the assumption that quarter one begins when the grant agreement is fully executed, with quarter two beginning three months later.

Timelines are for planning purposes only and do not need to be exact. If awarded, a formal Implementation Plan will be required based on a finalized award timeline.

#### **When will all bids or quotes be obtained?**

Quarter 1

#### **When will all planning and design specifications be complete?**

Quarter 2

#### **When will all contractors be selected?**

Quarter 2

#### **When will work begin?**

Quarter 3

#### **When will the project meet the halfway point?**

Quarter 7

#### **When will all work be completed?**

Quarter 14

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### Local Matching Funds

#### **Match Reduction Requested**

See Basic Information for eligibility. The selection should match the Match Reduction Eligibility listed.

N/A - No Reduction Requested

*Note: Other State funds are not an allowable match contribution.*

## Have matching funds been secured?

Yes

## What are the sources of the local matching funds?

Measure B sales tax funds account for 60% of the Fresno County Public Library's operational budget. Each year, savings within the budget are placed into the Library's fund balance. That fund balance currently stands at \$65 million with approximately \$35 million set aside for upcoming capital projects and approximately \$9 million set aside for mandated reserves. The remainder of this fund balance will be used to offset costs related to this grant. Both the fund balance and additional contributions from Measure B will be used to ensure FCPL's facilities are able to meet modern standards of safety and function. The Library's fund balance is secure and is the exclusive domain of FCPL and not tied to any other County agency. At this time, approval to utilize the funds rest with the Fresno County Board of Supervisors. It is with the approval of the County Administrative Office that this grant application is being submitted. Therefore, it is anticipated that if selected as part of the grant, the BOS will approve the use of the Library's fund balance for infrastructure projects. The Measure B ordinance specifically states that the sales tax measure may be used for capital projects and building upgrades.

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## Budget and Timeline Detail

### Project Outputs

In this section you will enter project outputs. Project outputs should be tangible items describing the specific work products that will be completed by the project.

List all major outputs of your project that will be funded by the grant and local matching funds. Do not include related project outputs or costs that will not be funded by the Building Forward grant or through required local match funds.

You may enter up to 20 project outputs. Start entering project outputs to display additional fields.

List project outputs in order of priority. If partially funded, awards may fund project outputs based on the order they are listed here. Examples of outputs include, but are not limited to, window replacement, flooring repair, solar panel installation, roof replacement, ADA upgrades to restrooms, teen space redesign, HVAC system modernization, elevator replacement, water conservation system installation, electrical system upgrades, adding network ports in reading area and lighting upgrades.

Costs related to non-tangible items, such as project management or design, should be included in the cost of the specific output that they are related to.

List or describe what is included within each output under "Details." This should include major subtasks for the output, as well as other expenses included in the total cost (e.g. architectural design, construction management, and required permit fees).

Please note: If awarded, a final itemized budget will be required. Awardees should be prepared to provide the cost of each individual output itemized by: Salaries/Wages/Benefits, Consultant/Contractor Fees, Supplies/Materials/Equipment.

When completing the budget, please refer to the Building Forward Round 2 Guidelines and Frequently Asked Questions posted at: <https://www.library.ca.gov/grants/buildingforward>

### Project Output 1

Roof replacement

#### Quarter work will begin

Timeline:

Quarter 3

#### Quarter work will be completed

Quarter 4

	<b>Total Output Cost</b>	<b>Grant Contribution</b>
<i>Budget:</i>	\$2,081,902	\$1,040,951
	<b>Match Contribution</b>	
	\$1,040,951	

### Details

Roof construction will begin quarter 3 and end quarter 3. The roof is flat in design and construction is expected to be completed during the first 3-4 quarters of the project. Labor costs are estimated at 20% of cost estimates provided by Fresno County Internal Services.

### Project Output 2

Portable AC unit and generator

	<b>Quarter work will begin</b>	<b>Quarter work will be competed</b>
<i>Timeline:</i>	Quarter 2	Quarter 2
	<b>Total Output Cost</b>	<b>Grant Contribution</b>
<i>Budget:</i>	\$51,353	\$25,676.5
	<b>Match Contribution</b>	
	\$25,676.5	

### Details

The portable A/C and generator must be purchased and installed in the SJVLS data server room before roof work begins to safeguard server-dependent operations at over 100 branches within the boundaries of SJVLS. Without this, any project that might require power outages cannot begin. This output is expected to take one quarter and be installed before any other major work begins. Labor costs are estimated at 20% of cost estimates provided of equipment estimate.

### Project Output 3

Electrical Assessment and Lighting Upgrade

	<b>Quarter work will begin</b>	<b>Quarter work will be competed</b>
<i>Timeline:</i>	Quarter 4	Quarter 14
	<b>Total Output Cost</b>	<b>Grant Contribution</b>
<i>Budget:</i>	\$4,005,773	\$2,002,886.5
	<b>Match Contribution</b>	
	\$2,002,886.5	

## Details

Due to the age of the library's electrical system and unknown factors, this project output will take extensive time, be done in stages, and require an initial assessment of the electrical system. The project will be phased to minimize disruption of service to the public and relocation of staff. Labor costs are estimated at 20% of cost estimates provided by Fresno County Internal Services. Note that start time is late Quarter 3 into 4.

## Project Output 4

Windows

	<b>Quarter work will begin</b>	<b>Quarter work will be completed</b>
<i>Timeline:</i>	Quarter 3	Quarter 5
	<b>Total Output Cost</b>	<b>Grant Contribution</b>
<i>Budget:</i>	\$847,610	\$423,805
	<b>Match Contribution</b>	
	\$423,805	

## Details

Window replacement will be phased to minimize disruption of service to public and relocation of staff. The second-floor window replacement can begin at the same time as the roof replacement. The first-floor windows will be completed after the second floor is done and will take longer due to the size and number of windows there. Labor costs are estimated at 20% of cost estimates provided by Fresno County Internal Services.

## Project Output 5

	<b>Quarter work will begin</b>	<b>Quarter work will be completed</b>
<i>Timeline:</i>		
	<b>Total Output Cost</b>	<b>Grant Contribution</b>
<i>Budget:</i>		\$0
	<b>Match Contribution</b>	
	\$0	

## Details

## Total Project Output Costs:

<i>Total Project Output Costs:</i>	<b>Total Project Output Costs</b>	<b>Grant Contribution</b>	<b>Match Contribution</b>
	\$6,986,638	\$3,493,319	\$3,493,319

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## Project Contingency

### Contingency Costs Set Aside

Contingencies are calculated on the sum of the project outputs.

10%

	<b>Total Project Contingency</b>	<b>Grant Contribution</b>	<b>Match Contribution</b>
<i>Total Contingency:</i>	\$698,663.8	\$349,331.9	\$349,331.9

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## Grant Administration Costs

### Grant Administration Costs

Grant administrative costs are calculated on the sum of the project outputs and contingency.

10%

	<b>Total Grant Administration Costs</b>	<b>Grant Contribution</b>	<b>Match Contribution</b>
<i>Grant Administration Costs:</i>	\$768,530.18	\$384,265.09	\$384,265.09

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## Grand Total

	<b>Project Grand Total</b>	<b>Grant Contribution</b>	<b>Match Contribution</b>
<i>Grand Total:</i>	\$8,453,831.98	\$4,226,915.99	\$4,226,915.99

## Organization Profile

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### Organization Information

**Organization Name**

Fresno County Public Library

**Organization Type**

County

**Street Address 1**

2420 Mariposa Street

**Street Address 2**

2420 Mariposa Street

**City**

Fresno

**State**

US-CA

**Zip Code**

93721

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### Authorized Representative

Person designated to enter into grant agreements on behalf of your organization.

**First Name**

Raman

**Last Name**

Bath

**Title**

County Librarian

**Email**

raman.bath@fresnolibrary.org

**Phone**

Please use the format 123-456-7890.

5596006203

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**Organization Contact**

Person designated to answer questions about this organization.

**First Name**

Raman

**Last Name**

Bath

**Title**

County Librarian

**Email**

raman.bath@fresnolibrary.org

**Phone**

Please use the format 123-456-7890.

5596006203