**California Public Library**

**Broadband Project**

****

**15-02**

**Grant Application Program**

# ****APPENDIX A-Grant Application****

**California Public Library Broadband Project**

15-02 Branch Grant Assistance Application

**ELEMENT 1: INFORMATION**

|  |
| --- |
| **Applicant Information** |
| 1. Library Full Name
 | Click here to enter text |
| 1. Library DUNS Number
 | Click here to enter text |
| 1. County
 | Click here to enter text |
| 1. Street Address
 | Click here to enter text |
| 1. City, State Zip+4
 | Click here to enter text |
| 1. Website URL:
 | Click here to enter text |
| 1. Contact Name and Title
 | Click here to enter text |
| 1. Contact Phone Number
 | Click here to enter text |
| 1. Contact Email Address
 | Click here to enter text |

|  |  |
| --- | --- |
| 10. | **Project Purpose (Please check all that apply)** |
| [ ]  A Technology Hardware Funding covering network equipment, and equipment installation and configuration. |
| [ ]  B Architectural and Building Funding covering building modifications necessary to install and operate the network equipment. |
| [ ]  C Network Consulting Funding covering consultant costs associated with equipment configuration.  |

|  |
| --- |
| **Project Timeline** |
| 1. Can the project be completed by June 30, 2018?
 | [ ]  Yes |
| 1. Estimated start date
 | Click here to enter text |
| 1. Estimated completion date
 | Click here to enter text |

|  |
| --- |
| **Project Budget** |
| 1. Amount of grant funding request
 | Click here to enter text |
| 1. Amount of matching funds
 | Click here to enter text |
| 1. Total Project Cost
 | Click here to enter text |

As an authorized representative of the library listed above, I hereby certify that the information contained in this application is true and correct. I agree to the terms and conditions surrounding use of this funding if awarded.

Signature of Library Director Date

**ELEMENT 2: ACTIVITIES**

|  |  |
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| **Activity** | **Timeline** |
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| **Connected by** | **June 30, 2018** |

**ELEMENT 3-1: BUDGET**

Provide specific budget information for each project you are proposing.

* Do NOT include costs that are ineligible for grant funding, such as your own staff time.
* All equipment must be new.
* Column A should be details. Column B should list expected costs from the vendor you intend to purchase items and services from. If only a Main connection, use this page only. If you are requesting funding for branch connection(s), put total amount in Element 3-1 and details in Element 3-2. Explanation is required under each section. Round all costs to the nearest dollar.
* If the grant request does not cover the full cost of any item listed in the application, detail the amount and sources of funds to be used to pay for the balance in the Explanation field.

|  |
| --- |
| **Proposed Budget for Grant Eligible Project Costs** |
| **Column A** | **Column B** |
| Project Budget Detail |  **Project Costs** |
| A Connectivity One Time Funding- Hardship (LIPC Level One Only) |  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |  |
| **B Technology Hardware Funding** |  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |
| **C Architectural and Building Funding-** |  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |
| **D Network Consulting Funding-** |  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |
| **Total Cost of Eligible Projects (Consulting Fees, Materials, Hardware, Software)** | $0  |
| **X% Cash Match Committed by Library (May be cash or in-kind)** | $0  |
| **Additional Match**  | $0  |
| **Total Grant Funding Requested** | **$0**  |

**ELEMENT 3-2: BUDGET**

Provide specific budget information for each project you are proposing.

Provide name of branch, reason for need of funding and expected costs to connect.

Up to four sites may be funded.

|  |
| --- |
| **Proposed Budget for Grant Eligible Project Costs by Branch** |
| **Column A** | **Column B** |
| **Project Budget Detail** |  **Project Costs** |
| **A Branch Name:** |  |
|   | $0  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |
| **Project Budget Detail** |  **Project Costs** |
| **B Branch Name:** |  |
|   | $0  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |
| **Project Budget Detail** |  **Project Costs** |
| **C Branch Name:** |  |
|   | $0  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |
| **Project Budget Detail** |  **Project Costs** |
| **D. Branch Name:** |  |
|   | $0  |
|   | $0  |
|   | $0  |
| **Subtotal** | $0  |
| **Explanation:** |

**ELEMENT 4: SUSTAINABILITY**

|  |
| --- |
| Sustainability |
| Will there be ongoing costs? If yes, what will they be to continue to support this project? | Click here to enter text |
| Explain how you will fund and support any ongoing costs to support this project after FY 2016/2017 or 2017/2018. | Click here to enter text |

**ELEMENT 5: ATTACHMENTS**

If you have additional resources that support your grant, please attach them after this page.

* Be sure to scan the application with attachments.

**ELEMENT 6: SUBMISSION**

Please submit applications to:

**By Mail:**

Southern California Library Cooperative

248 E. Foothill Blvd, Suite 101

Monrovia, California 91016-5525

Attn: Broadband Grants

**By Email\*:**

Send to **broadband@socallibraries.org**

**\*** If you email your application, the signed original will need to be received within 7 days of the emailed application.

# APPENDIX B-Eligible Expenses

## Connectivity One Time Funding

**Connectivity One Time Hardship LIPC Level One Only**

* This is one time funding to pay for first year connection to your provider. You must demonstrate a hardship case for needing the funding.

## Technology Funding

**Access Point (Data Distribution)**

* An Access Point is a base station in a wireless Local Area Network. Access points are typically stand-alone devices that may plug into an Ethernet switch or server or may provide a repeater function for wireless networks.

**Antenna**

* An antenna is a device for transmitting and/or receiving radio frequency signals.

**Cabling/Connectors**

* Cabling refers to the wires or groups of wires capable of carrying voice, video or data transmissions. Cabling provides electrical (or, in the case of fiber optics, lightwave) connectivity between points. Connectors are devices that connect wires or fibers.
* Cabling, connectors and related components used for voice, video and data transmission. Eligible components include:
* Cable (e.g., copper, fiber, coax, twisted pair)
* Connectors
* Gigabit Interface Convertor (GBIC) or Small Form-factor Pluggable (SFP) device or SFP+ device
* Jacks, panels, faceplates and wire managers
* Network Interface Cards
* Other cabling components necessary to transport information to the public areas of a library.

**Circuit Cards/ Components**

* Circuit cards and related components, such as memory modules/Random Access Memory (RAM), if they are necessary for adequate performance of an eligible component. For example, an eligible router.
* Network interface cards that are separately priced or used in eligible equipment.

**Connectivity One Time Hardship**

* This is one time funding to pay for first year connection to your provider. You must demonstrate a hardship case for needing the funding.

**Data Distribution**

* Components used to transport information from telecommunication or Internet access facilities to the public areas of a library. Such components may include:
* Access Points
* Firewalls
* Network Switches
* Routers
* Switches
* Wireless LAN Controllers.

**Fiber or Dark Fiber**

* Trenching or aerial insertion for on-premises fiber installation.
* Lit or dark fiber, provided by any entity, including a non- telecommunications carrier. Dark fiber is eligible as long as applicants light the fiber immediately.
* Lit fiber—For leased lit fiber, special construction charges are eligible.
* Dark fiber—From the eligible entity up to the property line, construction costs to connect the fiber are eligible.

**Network Management Software**

* Network Management is a system of equipment or software used in monitoring, controlling, and managing a communications network.

**Wireless Internet**

* A wireless Internet access service is eligible under the same provisions as wired access to the Internet.

## Architectural and Building Funding

**Conduit**

* Conduit and raceway including installation of conduit for network Point-of-Entry services.
* Conduit installation into the Point-of-Entry or server room, including vaults, surface-mount conduit, wall penetration, and related services and products.

**Electrical System Upgrades**

* Electrical service installation or upgrades. Electrical system upgrades refer to products and services that provide, upgrade, or enhance the provision of electrical power.
* Purchase and installation of electrical panels, electrical services and backboards.

**Environmental Monitoring Components**

* Environmental monitoring components provide information about heat, humidity or other factors in order to provide a warning system for conditions that may affect the correct operation of equipment. For example, an environmental monitoring card is sometimes available as an optional feature of an uninterruptible power supply and is used to monitor the environmental conditions of a rack, computer room or data center.

**Equipment Racks and Cabinets**

* A rack is a metal supporting framework for mounting cables, equipment, and/or wires. A cabinet is an enclosure for equipment, terminating cables, connection devices, and/or wires.
* Racks are eligible only to the extent that the components they contain are eligible. A surge protector provided as an integral component of a rack or cabinet, without a separately identifiable cost can be included in the cost of the rack or cabinet but a separately priced surge protector is not eligible.

**Heating, Ventilation, and Air Conditioning (HVAC)**

* Purchase and installation of HVAC products and services.

**Uninterruptible Power Supply (UPS)/Battery Backup**

* An Uninterruptible Power Supply (UPS)/Battery Backup that protects eligible equipment is eligible as a data protection component but no funding will be provided for UPS systems that can provide continued backup power for substantial periods in excess of that necessary for basic power protection.
* The following components used for the reliable operation of a UPS are eligible:
* UPS Interface Expander
* Relay I/O Module.

## Networking Consulting Funding

Consultant costs associated with configuring equipment.

# APPENDIX C-Grant Award Amounts

Grant amounts are based on figures reported by your library for the most recent period available (2014-2015):

* Local Operating Income **and** Population of the Legal Service Area.

Local Income Per Capita (LIPC) level is derived from the two figures listed above. Your library’s LIPC is the result of dividing Local Operating Income by the Population of the Legal Service Area.

A local match is required for the two higher LIPC levels.

The grant amounts are divided into three tiers, or LIPC levels, defined as follows.

**Main Libraries**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **LIPC from:** | **Up to:** | **Grant Amount** | **Local Match %** | **Local Match Amount** | **Grant + Match** |
| LIPC Level 1 | $0 | $50.00 | $30,000 | 0% | $0 | $30,000 |
| LIPC Level 2 | $50.01 | $99.99 | $24,000 | $25% | $6,000 | $30,000 |
| LIPC Level 3 | $100.00 | $ | $20,000 | $50% | $10,000 | $30,000 |

**Branch Connections**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **LIPC from:** | **Up to:** | **Grant Amount** | **Local Match %** | **Local Match Amount** | **Grant + Match** |
| LIPC Level 1 | $0 | $50.00 | $15,000 | 0% | $0 | $15,000 |
| LIPC Level 2 | $50.01 | $99.99 | $12,000 | 25% | $3,000 | $15,000 |
| LIPC Level 3 | $100.00 | $ | $10,000 | 50% | $5,000 | $15,000 |

See Appendix D for List of Librariies.

**List of Libraries for 2016-2017/2017-2018 (15-02)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **LIPC Level** | **Max Grant Award (Main Library)** | **Match %** | **Match Amount** | **Grant + Match** | **Max Grant Award per Branch** | **Match %** | **Match Amount** | **Grant + Match** |
| Alpine County Library/Archives | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Amador County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Butte County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Calaveras County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| City of Commerce Public Library | 3 | $20,000 | 50% | $10,000 | $30,000 | $10,000 | 50% | $5,000 | $15,000 |
| County of Los Angeles Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| El Dorado County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Fresno County Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Humboldt County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Kern County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Kings County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Lincoln Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Lodi Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Lompoc Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Madera County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Mariposa County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Merced County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Monrovia Public Library | 2 | $24,000 | 25% | $6,000 | $30,000 | $12,000 | 25% | $3,000 | $15,000 |
| Mountain View Public Library | 2 | $24,000 | 25% | $6,000 | $30,000 | $12,000 | 25% | $3,000 | $15,000 |
| Nevada County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Orange Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Palos Verdes Library District | 3 | $20,000 | 50% | $10,000 | $30,000 | $10,000 | 50% | $5,000 | $15,000 |
| Plumas County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Porterville Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Sacramento Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| San Bernardino Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| San Diego Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| San Luis Obispo City County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Santa Barbara Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Santa Maria Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Shasta Public Libraries | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Signal Hill Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Solano County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Sonoma County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| St. Helena Public Library | 3 | $20,000 | 50% | $10,000 | $30,000 | $10,000 | 50% | $5,000 | $15,000 |
| Stockton-San Joaquin Public Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Tehama County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Trinity County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Tulare County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |
| Yolo County Library | 1 | $30,000 | 0% | $0 | $30,000 | $15,000 | 0% | $0 | $15,000 |