Local Agency Technical Assistance Application

PART 1. GRANT APPLICATION CHECKLIST

Instructions: To assist the CPUC Communications Division in verifying the completeness of your application, mark the box to the left of each item to indicate you provided the requested information and uploaded required additional materials with your application spreadsheet. For more details about these requirements, please review CPUC Decision D.22-02-026, Appendix 1.

link to D.20-22-026 Technical Assistance Decision and Guidelines

#	Item Included ?	Item	To Be Completed By Applicant (submit separately if indicated below)
1		**Applicant Name and Organization**	**County of Sonoma**
		Authorized Local Agency or Tribal Leader Name and Title	Provide information below:
		Address Line 1	565 Administration Drive
		Address Line 2	
		City	Santa Rosa
		State	California
		ZIP Code	95403
		Website Address	https://sonomacounty.ca.gov/
		Phone Number	707-565-2431
		California Tribe?	N/A
		Federal Tribal Recognition?	N/A
2		**Key Project Contact (i.e., staff contract manager)**	Provide information below:
		First Name	Lauren
		Last Name	Cartwright
		Organization Position	INTERIM DIRECTOR OF BUSINESS DEVELOPMENT
		Address Line 1	141 Stony Circle, Suite 110
		Address Line 2	
		City	Santa Rosa
		State	California
		ZIP Code	95401
		Email Address	lauren.cartwright@sonoma-county.org
		Phone Number	707-565-7298
3		**Grant Project Description**	Provide information below:
		Project Title	County of Sonoma Broadband Network Design
		Brief Description	Strategically plan a robust fiber network, moving from conceptual network design and cost estimations to high level design and foundational planning, all the way through low-level design and engineering to create constructible network designs that are shovel-ready in and around priority unserved/underserved areas. Grant includes professional network design services consultant, UTOPIA Fiber network design management consultant, and actual/not to exceed 8% Administrative costs.
		Project Location	County of Sonoma - Unincorporated Area
4		**Letter of Support**	Submit as separate attachment(s) and check box to indicate included.
5		**Project Proposal** (if planning to use in-house staff) **or Proposed Contract** (if planning to outsource work)	Submit as a separate attachment(s) and check box to indicate included. Must include: (1) the project scope of work for a consultant and/or staff to carry out the Local Agency Technical Assistance; (2) detailed cost estimate including hourly rates and estimated total hours for each person; and (3) proposed timeline for completion; (4) geographic basis for the proposed project area (such as by Census Block) sufficient to demonstrate broadband need. If the applicant intends, as part of the project, to (a) complete multiple work products (i.e. joint powers agreement(s), feasibility studies, etc.) and (b) request partial payment for work product(s) completed before the project's completion, all potential work products must be outlined and supported in the contract or proposal, and listed separately in the Budget Summary.
6		**Proposed Total Budget ($)**	500,000
7		**Project Summary**	Provide information in **Tab 2 (Project Summary)** of this spreadsheet and check box to indicate included.
8		**Budget Summary**	Provide information in **Tab 3 (Budget Summary)** of this spreadsheet and check box to indicate included.
9		**Name of Organization to Receive Payment (Local Agency or Tribal Entity)**	**County of Sonoma, Economic Development Department**
		Address Line 1	141 Stony Circle, Suite 110
		Address Line 2	
		City	Santa Rosa
		State	California
		Zip Code	95401
		Website Address	lauren.cartwright@sonoma-county.org
		Phone Number	707-565-7298
10		**Affirmation of Incremental Staff Hours**	I, the undersigned, affirm that any staff hours expended on reimbursable activities, and for which reimbursement will be requested, are incremental to the pre-grant award scope of work and would not be performed by the staff person absent the grant award.
11		**Agreement for 24-Month Completion**	I, the undersigned, acknowledge that the project must be completed within 24-months from the date of Commission approval of the grant.
12		**Notarized Affidavit (separate form, upload with submission)**	Submit separate required form and check box to indicate included. The form can be found on the LATA website: https://www.cpuc.ca.gov/industries-and-topics/internet-and-phone/broadband-implementation-for-california/local-agency-technical-assistance
13		**Electronic Signature**	**Lauren Cartwright**

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Instructions: Please provide the following information types may include but are not limited to: needs assess engineering design studies or reports; forming a joint p
Name and Location of Proposed Grant Project
Type of Project and Scope
Total Budget ($)
Project Timeline (include start and end dates, must be completed within 24 months)
How will the proposed technical assistance grant support broadband infrastructure deployment to unserved and/or underserved households and businesses at speeds of at least 100 Mbps upload and download speeds?
Summary of consultant/staff/team experience - Upload resume qualifications separately
Short description of the project suitable for posting on the Commission's web page. [see example below]
Other Information
Example: Short
The proposed technical assistance grant will fund deve strategy that is expected to result in broadband infrast businesses and that are designed to, upon completion, be completed within the 24-month timeline.

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ART 2: PROJECT SUMMARY

about a broadband technical assistance project that supports a local agency or Tribe. Project ments, market studies, broadband strategic plans, business plans; environmental, feasibility, powers authority; consultant and community-based organization services.

County of Sonoma Broadband Network Design

Fiber Network Design - Strategically plan a robust fiber network, moving from conceptual network design and cost estimations to high level design and foundational planning, all the way through low-level design and engineering to create constructible network designs that are shovel-ready in and around priority unserved/underserved areas. Grant includes professional network design services consultant, UTOPIA Fiber network design management consultant, and actual/not to exceed 8% Administrative costs. The budget for the network design proposed in the scope of work from Tilson Technology will be conducted on a flat-fee (fixed rate) basis, inclusive of all time and materials. The first project within the proposed scope, 1) Refined High-Level Design and Foundational Planning, will not exceed $15,000 respectively. The second project within the proposed scope, 2) Low Level Design and Engineering, is proposed on a per linear foot basis ($1.93/linear foot). This is an industry standard methodology for low level network design work and the amount proposed is well within the realm of reasonableness. UTOPIA Fiber will perform network design and engineering management on behalf of the applicant and Golden State Connect Authority at the budgeted rate of 3% of the Tilson Technology budget. Administrative (indirect) budget item estimated at actual and not to exceed 8%, of which 3% would reimburse Golden State Connect Authority and 5% would reimburse County for Administrative support.

$499,554

October 2022 - November 2023 - (Will make every effort to accelerate project)

The technical assistance grant will support the development of low-level, shovel-ready network designs for priority areas in and around unserved/underserved areas of the county. The plans will be developed in consultation with Golden State Connect Authority and overseen by UTOPIA Fiber to ensure compatibility with open-access fiber deployment model to reliably meet and exceed 100/100 Mbps speed.

Every member of the Broadband Network Design consulting project team, comes with deep experience and knowledge in the network design, engineering, open-access broadband deployment, and/or project management fields.

The proposed technical assistance grant will fund network design services for priority areas in and around unserved/underserved areas of Sonoma County. The network design process will include refining the County's High-Level Design; leading to Low-Level Design and Engineering of constructible and shovel-ready project area(s) that will provide service to households and businesses that, upon completion, will reliably meet or exceed 100/100 Mbps speed. This project will be completed well within the 24-month timeline.

The network design project(s) proposed in this grant application will bring quality broadband to a county in need of reliable connectivity for increasing health and safety reasons (wildfire, landslides, resource management, and emergency road issues), as well as for economic and quality of life reasons.

: **Description of Local Agency Technical Assistance Study**

lopment of a Broadband Strategic Plan for the unincorporated County. This plan will outline a ructure projects designed to provide service to unserved or underserved households and reliably meet or exceed symmetrical 100 Mbps download and upload speeds. This project will

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PART 3. BUDGET SUMMARY					
Instructions: Please provide the following budget summary information for your proposed grant project. Identify each reimburseable work product expected to result from the proposed contract (if outsourcing) or project proposal (if in-house staff). Add additional space if needed.					
Applicant (Local Agency or Tribe):	**County of Sonoma Broadband Network Design**				
Project Name:	***County of Sonoma Broadband Network Design***				
	Year 1		**Year 2**		
Budget Line Item	**Work Product**	**Work Product**	**Work Product**	**Work Product**	**Work Product**
Work Product Title (e.g, RFP Development, Needs Assessment, Strategic Broadband Plan)	Refined High-Level Design and Foundational Planning	Low-Level Design and Engineering*			
Timeline (weeks from project start)	Weeks 1-5	Weeks 6-52			
Work Product Costs (for consultants, subconsultants, organizations, and/or staff)	**Cost**	**Cost**	**Cost**	**Cost**	**TOTAL**
Network Design - Tilson	$ 15,000.00	$ 434,000.00			**$ 449,000.00**
Network Design Management - UTOPIA Fiber	$ 450.00	$ 13,100.00			**$ 13,550.00**
Total Work Product Costs (for consultants, subconsultants, organizations, and/or staff)	**$ 15,450.00**	**$ 447,100.00**	**$ -**	**$ -**	**$ 462,550.00**
Total Administrative Costs** (see *Note*)	**$ 1,236.00**	**$ 35,768.00**	**$ -**	**$ -**	**$ 37,004.00**
TOTAL COSTS	**$ 16,686.00**	**$ 482,868.00**	**$ -**	**$ -**	**$ 499,554.00**

*Completed at $1.93/linear foot

**Actual or not to exceed 8% of grant - 3% GSCA and 5% County

Note:

Administrative costs are defined as indirect overhead costs attributable to a project, per generally accepted accounting principles (GAAP), and the direct cost o f complying with Commission administrative and regulatory requirements related to the grant itself. Up to 15%of administrative costs may be associated with the securing or completion of reimbursable work products, other than the cost of local agency staff hours. (D.22-02-026, Attachment 1 at 2)

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PART 4: GEOGRAPHIC INFORMA	
Instructions: Please provide a description of the geographic location(s) that the a provided as a result of the technical assitance project(s). The CPUC requests this i geographically overlapping jurisdictions are encouraged to collaborate. Applicant(intended geographic location(s) as possible	
Information Requested	**Instructions**
Type of Local Agency	Choose from drop down on right.
	Describe type of Local Agency if not in dropdown.
Describe Project Location	Provide a short description of the intended geographic location(s) (e.g. city limits, county limits, utility service area) to assist in the review of this application.
Census Block(s)	Submit as separate document and note the file name in this field (if submitting via email). The 'Data Query Tool' on CPUC's California Interactive Broadband Map can be used to export census blocks into a CSV file by manually selecting regions on the map. (https://www.broadbandmap.ca.gov/) If Census Blocks are not currently known, the Data Query Tool can also be used to create CSV files of other types of political boundaries (counties, Tribal Areas, etc.) and can be provided in a separate file. Additional information on the intended geographic location(s) can be listed in the relevant fields below:
	If Census Block(s) are not currently known, provide the following information on intended geographic location(s):
	County/Counties
	City/Cities
	Zip Codes
	Other Unique Geographic Data (describe and provide list)

Shapefile and/or Map	A shapefile and/or map of the intended geographic location(s) may be submitted as separate document(s) instead of Census Blocks. Indicate via the drop down whether a shapefile or map is included in relevant fields below:
	Shapefile included?
	Name of Shapefile (if included, "N/A" if not):
	Map Included?
	Name of Map file (if included, "N/A" if not):

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pplicant intends for service to be nformation since local agencies with s) should provide as much detail on the
Response
county (including a county service area)
Intended priority locations are unserved/underserved and surrounding areas in unincorporated county
File titled: "Sonoma County Census Blocks"
County of Sonoma
N/A

No
Yes
Sonoma County Map - Fixed Downstream Deployment