

*American Recovery and Reinvestment Act of 2009*

**Broadband Data and Development  
Supplemental Application**

**State of Idaho**

**EdLab Group – P.K.A. Puget Sound Center for Teaching, Learning and Technology**  
7/1/2010

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**State of Idaho Broadband Data and Development Program**  
**Supplemental Budget Abstract**

**State: Idaho**

**Awardee: The EdLab Group/LinkAMERICA (P.K.A. Puget Sound Center for Teaching Learning and Technology)**

**Projects: Data Collection and Related Activities (Years 3-5), Capacity Building, and Technology Training**

**Requested Funding:**

Existing Approved Funding (Years 1-2): \$ 1,832,357

Years 3-5 Federal Funds Request: Year 3: \$1,132,459, Year 4: \$906,128 Year 5:\$760,792 **Total: \$2,799,379**

Years 3-5 Matching Funds Commitment: \$699,773

Years 3-5 Total Project Budget: \$3,499,152

**Data Collection and Related Activities**

EDLAB/LINKAMERICA seeks funding to continue and advance existing SBDDP mapping and data collection efforts, while transferring the management and maintenance of the program from the vendors to the State, for an additional 3 years. Several new activities have also been added. Core project activities to be completed by the EDLAB/LINKAMERICA team will include the following:

1. **Data & Development Deliverables and NOFA compliance:** The extension of the bi-annual data collection and submission efforts to meet all NTIA deadlines for data updates, and continue to update the State's own interactive map of broadband coverage. These activities will be increasingly transitioned to state personnel in Years 4-5.
2. **Data Validation:** This effort will continue in Years 3-5 with special emphasis on Consumer Surveys, Third Party Data, Drive Testing and Crowd Sourcing.
3. **Address Data Improvements:** EDLAB/LINKAMERICA will work collaboratively with existing efforts to support the development of a comprehensive rural address database in the state of Idaho. This is a new program activity.
4. **Cataloging Public Networks:** New emphasis will be placed on an effort to identify publicly owned data networks that may be quickly leveraged to increase broadband availability and adoption. This is a new program emphasis, although data from Year 1-2 surveys will be used in this effort.

**Capacity Building**

A three-point initiative is proposed as a solution to address gaps in current capacity and resources required for the sustainable achievement broadband plans developed in the first two years of this program. The program will include content modules with training and information resources to support measurable implementation of broadband projects, monitoring and evaluation of broadband progress across the state, and the establishment of a state broadband directorship.

**Technical Training**

A proposed Technical Training and Leadership Program will include seminars of changes in technology, impacts of federal and state policy seminars, industry-sector workshops, and various manuals and reports that help providers and stakeholders navigate funding, technology and policy changes.

**Application for Federal Assistance SF-424**

**Version 02**

**\* 1. Type of Submission:**

- Preapplication  
 Application  
 Changed/Corrected Application

**\* 2. Type of Application:**

- New  
 Continuation  
 Revision

**\* If Revision, select appropriate letter(s):**

A: Increase Award, C: Increase Duration

**\* Other (Specify)**

**\* 3. Date Received:**

Completed by Grants.gov upon submission.

**4. Applicant Identifier:**

EdLab Group - FKA PSCTLT

**5a. Federal Entity Identifier:**

**\* 5b. Federal Award Identifier:**

16-50-M09014

**State Use Only:**

**6. Date Received by State:**

**7. State Application Identifier:**

**8. APPLICANT INFORMATION:**

**\* a. Legal Name:** EdLab Group - FKA Puget Sound Center for Teaching, Learning and Technology

**\* b. Employer/Taxpayer Identification Number (EIN/TIN):**

31-1626190

**\* c. Organizational DUNS:**

158484738

**d. Address:**

**\* Street1:** 19020 33rd Avenue West, Suite 210

**Street2:**

**\* City:** Lynnwood

**County:**

**\* State:** WA: Washington

**Province:**

**\* Country:** USA: UNITED STATES

**\* Zip / Postal Code:** 98036-4754

**e. Organizational Unit:**

**Department Name:**

Diversity in Technology Group

**Division Name:**

LinkAMERICA

**f. Name and contact information of person to be contacted on matters involving this application:**

**Prefix:**

Ms.

**\* First Name:**

Karen

**Middle Name:**

**\* Last Name:**

Peterson

**Suffix:**

**Title:** CEO/Executive Director

**Organizational Affiliation:**

**\* Telephone Number:** (425) 977-4741

**Fax Number:**

425-977-4761

**\* Email:** kpeterson@edlabgroup.org

**Application for Federal Assistance SF-424**

Version 02

**9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

**\* 10. Name of Federal Agency:**

NGMS Agency Department of Commerce

**11. Catalog of Federal Domestic Assistance Number:**

11.557

CFDA Title:

ARRA - SBDD

**\* 12. Funding Opportunity Number:**

MBL-SF424FAMILY-ALLFORMS 0660-ZA29

\* Title:

MBL-SF424Family-AllForms  
Recovery Act - State Broadband Data and Development Grant  
Program

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Idaho

**\* 15. Descriptive Title of Applicant's Project:**

LinkIDAHO

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**Application for Federal Assistance SF-424**

Version 02

**16. Congressional Districts Of:**

\* a. Applicant

\* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

**17. Proposed Project:**

\* a. Start Date:

\* b. End Date:

**18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="2799378"/>
* b. Applicant	<input type="text" value="10500"/>
* c. State	<input type="text" value="440733"/>
* d. Local	<input type="text"/>
* e. Other	<input type="text" value="248540"/>
* f. Program Income	<input type="text"/>
* g. TOTAL	<input type="text" value="3499151"/>

**\* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

**\* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

Yes  No

**21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

**\*\* I AGREE**

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

**Authorized Representative:**

Prefix:  \* First Name:   
Middle Name:   
\* Last Name:   
Suffix:

\* Title:

\* Telephone Number:  Fax Number:

\* Email:

\* Signature of Authorized Representative:  \* Date Signed:

**Application for Federal Assistance SF-424**

**Version 02**

**\* Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

[Empty text input area for Applicant Federal Debt Delinquency Explanation]

Applicant Name: **Idaho - EDLab - P.K.A.Puget Sound Center**

Award Number: **16-50-M09014**

**Budget Information - Non Construction Programs**

OMB Approval No. 0348-0044

<b>Section A - Budget Summary</b>						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal	Non-Federal	Federal	Non-Federal	Total
		(c)	(d)	(e)	(f)	(g)
1. Data	11.557			\$1,763,280	\$440,733	\$2,204,013
2. Capacity Building	11.557			\$904,209	\$226,040	\$1,130,249
3. Technical Training	11.557			\$131,889	\$33,000	\$164,889
4.						\$0
5. Totals		\$0	\$0	\$2,799,378	\$699,773	\$3,499,151
<b>Section B - Budget Categories</b>						
6. Object Class Categories	Grant Program, Function or Activity				Total (5)	
	Data	Capacity Building	Technical Training	(4)		
a. Personnel	\$147,472	\$0	\$0		\$147,472	
b. Fringe Benefits	\$36,868	\$0	\$0		\$36,868	
c. Travel	\$12,000	\$0	\$0		\$12,000	
d. Equipment	\$0	\$0	\$0		\$0	
e. Supplies	\$3,000	\$0	\$0		\$3,000	
f. Contractual	\$1,509,072	\$889,209	\$131,889		\$2,530,170	
g. Construction	\$0	\$0	\$0		\$0	
h. Other	\$440,733	\$226,040	\$33,000		\$699,773	
i. Total Direct Charges (sum of 6a-6h)	\$2,149,145	\$1,115,249	\$164,889	\$0	\$3,429,283	
j. Indirect Charges	\$54,868	\$15,000	\$0		\$69,868	
k. Totals (sum of 6i-6j)	\$2,204,013	\$1,130,249	\$164,889	\$0	\$3,499,151	
7. Program Income					\$0	



<b>Section C - Non-Federal Resources</b>					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) Totals	
8. Data		\$440,733		\$440,733	
9. Capacity Building	\$10,500		\$215,540	\$226,040	
10. Technical Training			\$33,000	\$33,000	
11.				\$0	
12. Total (sum of lines 8 - 11)	\$10,500	\$440,733	\$248,540	\$699,773	
<b>Section D - Forecasted Cash Needs</b>					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th quarter
13. Federal	\$0				
14. Non-Federal	\$0				
15. Total (sum of lines 13 and 14)	\$0	\$0	\$0	\$0	\$0
<b>Section E - Budget Estimates of Federal Funds Needed for Balance of the Project</b>					
(a) Grant Program	Future Funding Periods (Years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.					
17.					
18.					
19.					
20. Total (sum of lines 16-19)	\$0	\$0	\$0	\$0	
<b>Section F - Other Budget Information</b>					
21. Direct Charges	22. Indirect Charges Predetermined - .19 Provisional - .14				
23. Remarks					

## Instructions for the SF-424A

Public Reporting Burden for this collection of information is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Please do not return your completed form to the Office of Management and Budget; send it to the address provided by the sponsoring agency.

### General Instructions

This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the later case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

### Section A. Budget Summary Lines 1-4 Columns (a) and (b)

For applications pertaining to a **single** Federal grant program (Federal Domestic Assistance Catalog number) and **not requiring** a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a **single** program **requiring** budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in **Column (a)** and the respective catalog number on each line in Column (b).

For applications pertaining to **multiple** programs where one or more programs **require** a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

### Lines 1-4, Columns (c) through (g)

For **new applications**, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For **continuing grant program applications**, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For **supplemental grants and changes** to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

**Line 5**—Show the totals for all columns used.

### Section B. Budget Categories

In the column headings (a) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

**Lines 6a-i**—Show the totals of Lines 6a to 6h in each column.

**Line 6j**—Show the amount of indirect cost.

**Line 6k**—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

**Line 7**—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant.

### Section C. Non-Federal Resources

**Lines 8-11**—Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

**Column (a)**—Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

**Column (b)**—Enter the contribution to be made by the applicant.

**Column (c)**—Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

**Column (d)**—Enter the amount of cash and in-kind contributions to be made from all other sources.

**Column (e)**—Enter totals of Columns (b), (c), and (d).

**Line 12**—Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

### Section D. Forecasted Cash Needs

**Line 13**—Enter the amount of cash needed by quarter from the grantor agency during the first year.

**Line 14**—Enter the amount of cash from all other sources needed by quarter during the first year.

**Line 15**—Enter the totals of amounts on Lines 13 and 14.

### Section E. Budget Estimates of Federal Funds Needed for Balance of the Project

**Lines 16-19**—Enter in Column (a) the same grant program titles shown in Column (a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding periods (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants. If more than four lines are needed to list the program titles, submit additional schedules as necessary.

**Line 20**—Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

### Section F. Other Budget Information

**Line 21**—Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

**Line 22**—Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

**Line 23**—Provide any other explanations or comments deemed necessary.

### ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

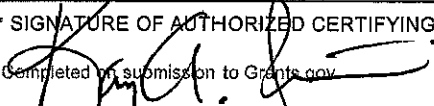
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

<p>* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</p> <p>Completed on submission to Grants.gov</p> 	<p>* TITLE</p> <p>CEO</p>
<p>* APPLICANT ORGANIZATION</p> <p>Puget Sound Center for Teaching,</p>	<p>* DATE SUBMITTED</p> <p>Completed on submission to Grants.gov</p>

Learning and Technology

Standard Form 424B (Rev. 7-97) Back

**GRANTEE NAME:** Idaho - EDLab - P.K.A.Puget Sound Center for Teaching Learning and Technology

**SDBBP Supplemental Grant Summary Budget - Inclusive of all Projects**

Directions: For each sheet, please edit the cells that are empty, not the cells with the grey background.

PLEASE ENTER YOUR EXISTING, APPROVED BUDGET BELOW.  
It should match your current SF 424.

EXISTING BUDGET	Federal	Match	Total
Personnel Salaries	144,378	287,489	\$431,866
Fringe Benefits	36,094	5,556	\$41,650
Travel	5,920	0	\$5,920
Equipment	0	0	\$0
Supplies	1,200	0	\$1,200
Subcontracts	1,595,527	0	\$1,595,527
Construction	0	0	0
Other	0	125,000	\$125,000
<b>Total Direct Costs</b>	<b>\$1,783,119</b>	<b>\$418,045</b>	<b>\$2,201,164</b>
<b>Total Indirect Costs</b>	<b>\$49,237</b>	<b>\$40,045</b>	<b>\$89,282</b>
<b>Total Costs</b>	<b>\$1,832,356</b>	<b>\$458,090</b>	<b>\$2,290,446</b>
<b>% Federal Share</b>	<b>80.00%</b>		
<b>% Applicant Share</b>		<b>20.00%</b>	

PLEASE DO NOT ENTER TEXT BELOW. It will populate automatically after you complete the other sheets.

REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	\$147,472	0	\$147,472
Fringe Benefits	\$36,868	0	\$36,868
Travel	12,000	0	\$12,000
Equipment	0	0	\$0
Supplies	3,000	0	\$3,000
Subcontracts	2,530,170	0	\$2,530,170
Construction			
Other	0	\$699,773	\$699,773
<b>Total Direct Costs</b>	<b>\$2,729,510</b>	<b>\$699,773</b>	<b>\$3,429,283</b>
<b>Total Indirect Costs</b>	<b>69,868</b>		<b>\$69,868</b>
<b>Total Costs</b>	<b>\$2,799,378</b>	<b>\$699,773</b>	<b>\$3,499,151</b>
<b>% Federal Share</b>			
<b>% Applicant Share</b>			

**GRANTEE NAME:** Idaho - EDLab - P.K.A.Puget Sound Center for Teaching Learning and Technology  
 ID Data Budget

Directions: For each sheet, please edit the cells that are empty, not the cells with the grey background.

PLEASE ENTER YOUR EXISTING, APPROVED BUDGET BELOW. It should match your current SF 424.

EXISTING BUDGET	Federal	Match	Total
Personnel Salaries	144,378	287,489	\$431,866
Fringe Benefits	36,094	5,556	\$41,650
Travel	5,920	0	\$5,920
Equipment	0	0	\$0
Supplies	1,200	0	\$1,200
Subcontracts	1,595,527	0	\$1,595,527
Construction	0	0	0
Other	0	125,000	\$125,000
<b>Total Direct Costs</b>	<b>\$1,783,119</b>	<b>\$418,045</b>	<b>\$2,201,164</b>
<b>Total Indirect Costs</b>	<b>\$49,237</b>	<b>\$40,045</b>	<b>\$89,282</b>
<b>Total Costs</b>	<b>\$1,832,356</b>	<b>\$458,090</b>	<b>\$2,290,446</b>
<b>% Federal Share</b>	<b>80.00%</b>		
<b>% Applicant Share</b>		<b>20.00%</b>	

PLEASE DO NOT ENTER TEXT BELOW. It will populate automatically after you complete the other sheets.

REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	\$147,472	0	\$147,472
Fringe Benefits	\$36,868	0	\$36,868
Travel	12,000	0	\$12,000
Equipment	0	0	\$0
Supplies	3,000	0	\$3,000
Subcontracts	1,509,072	0	\$1,509,072
Construction	0	0	0
Other	0	\$440,733	\$440,733
<b>Total Direct Costs</b>	<b>\$1,708,412</b>	<b>\$440,733</b>	<b>\$2,149,146</b>
<b>Total Indirect Costs</b>	<b>\$4,868</b>	<b>\$0</b>	<b>\$4,868</b>
<b>Total Costs</b>	<b>\$1,763,280</b>	<b>\$440,733</b>	<b>\$2,204,014</b>
<b>% Federal Share</b>			
<b>% Applicant Share</b>			

NEW FEDERAL REQUEST ONLY	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
<b>Personnel Salaries</b>						
EdLab Executive Director (b) (4)						
EdLab Project Manager: S						
EdLab Operations Manag						
EdLab Contracts Coordin						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	50,899	49,706	46,867	\$147,472	147,472
<b>Fringe Benefits</b>						
EdLab Executive Director: (b) (4)						
EdLab Project Manager: S						
EdLab Operations Manag						
EdLab Contracts Coordin						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	12,725	12,427	11,717	\$36,868	36,868
<b>Travel</b>						
<i>In-State</i>	0	3,000	3,000	3,000	\$9,000	
<i>Out-of-State</i>	0	0	1,500	1,500	\$3,000	
<b>Total</b>	0	3,000	4,500	4,500	\$12,000	12,000
<b>Equipment</b>						
					\$0	
					\$0	
					\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Supplies</b>						
Misc Supplies (included computers/peripherals under \$5000)		2,000	500	500	\$3,000	
					\$0	
					\$0	
<b>Total</b>	0	2,000	500	500	\$3,000	3,000
<b>Subcontracts</b>						
General contractor for data collection, analysis, website, other	0	550,320	473,880	484,872	\$1,509,072	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	550,320	473,880	484,872	\$1,509,072	1,509,072
<b>Construction</b>						
<b>Other</b>						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Total Direct Costs</b>	0	613,944	541,013	548,456	\$1,708,412	1,708,412
<b>Total Indirect Costs*</b>	0	18,724.75	18,426.5	17,716.75	\$54,888	
<b>Total Costs</b>	0	632,669	559,439	566,173	\$1,763,280	
*Indirect cost above calculated as 20% of total 34% EdLab Indirect rate						
					<b>Total</b>	
PSCLT Indirect Contribution (14% of total negotiated rate of 34%)		\$13,107	\$12,899	\$12,402	\$38,408	
14% calculated on Direct Costs and first \$25,000 of contractual expenses						



Idaho ED Lab - P.K.A. Puget Sound Center for Teaching, Learning and Technology		Match					
PROPOSED MATCH FOR NEW FEDERAL FUND REQUEST	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total		
Personnel Salaries	0	0	0	0	\$0		
	0	0	0	0	\$0		
	0	0	0	0	\$0		
Total	0	0	0	0	\$0	(b)	
Fringe Benefits (@ XX%)	0	0	0	0	\$0		
	0	0	0	0	\$0		
	0	0	0	0	\$0		
Total	0	0	0	0	\$0	0	
Travel							
In State	0	0	0	0	\$0		
Out of State	0	0	0	0	\$0		
Total	0	0	0	0	\$0	0	
Equipment							
	0	0	0	0	\$0		
	0	0	0	0	\$0		
	0	0	0	0	\$0		
Total	0	0	0	0	\$0	0	
Supplies							
	0	0	0	0	\$0		
	0	0	0	0	\$0		
	0	0	0	0	\$0		
Total	0	0	0	0	\$0	0	
Subcontracts							
	0	0	0	0	\$0		
	0	0	0	0	\$0		
	0	0	0	0	\$0		
Total	0	0	0	0	\$0	0	
Construction	0	0	0	0	\$0		
Other					\$0		
Prior State Employee Time, Materials, and Data (GIS/Address Project)	(b) (4)						
State CIO/GIO Salaries/Benefits	(b) (4)						
PSCTL Contributed Indirect Rate*	(b) (4)						
State Mapping Employee Contributed Indirect Rate**	(b) (4)						
State of Idaho & Regional Broadband Advisory Board Volunteer Time	(b) (4)						
Total	0	217,411	113,082	110,240	\$440,733	440,733	
Total Direct Costs	0	217,411	113,082	110,240	\$440,733	440,733	
Total Indirect Costs	0	0	0	0	\$0		
Total Costs	0	217,411	113,082	110,240	\$440,733		
*Contributed portion of PSCTL's Indirect Rate. See bottom of "Request (Fed)" worksheet for calculation							
**Indirect rate for support of two new positions within GIO's office. See bottom of "Contracts Budget" worksheet for calculation							

If Applicable, Copy and Paste Any Budgets from Your Proposed Contractors

Please make sure to check your print settings for this page. Make sure that the page will print 1 page wide (you can have it as many pages long as you like).

### IDAHO - SUPPLEMENTAL BUDGET

Mapping Contractor Detail - for CostQuest Associates

A. Personnel (3% COLA)	Rate	Year 3 Hours	Year 4 Hours	Year 5 Hours	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5
CEO - Supervisory Role	(b) (4)									
Program Director										
Project Manager										
GIS Director										
Internal Systems Support/Architecture										
Provider Relations Manager										

(b) (4)

B. Fringe Benefits (25% rate)	Rate	Year 1 FTE	Year 2 FTE	Year 3 FTE	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5
CEO - Supervisory Role										\$0
Program Director										\$0
Project Manager										\$0
GIS Director										\$0
Internal Systems Support/Architecture										\$0
Provider Relations Manager										\$0
								\$0	\$0	\$0

C. Travel	# of Trip	Avg Airfare	Avg Hotel Rate	Avg # Nights	Avg PerDiem Days	Per Diem Amount	Rental Car Rate	Year 3	Year 4	Year 5
CEO - Supervisory Role	(b) (4)									
Program Director										
Project Manager										
GIS Director										
Internal Systems Support/Architecture										
Provider Relations Manager										

(b) (4)

D. Equipment	Year 3	Year 4	Year 5
Computers, Software, Peripherals, Phone	\$0	\$0	\$0
<b>Total Equipment</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

E. Supplies	Year 3	Year 4	Year 5
<b>Total Supplies</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

F. Contractual/Vendors	Year 3	Year 4	Year 5
Statewide Framework Coordinator & Mapping Coordinator Positions (State Employees - contracted through CQA)*	(b) (4)		
GIS Programming Services			
Project Communications & Website Services			
Provider Stewardship and Anchor Institution Research			
Consumer and Business Surveys			
Drive Testing and Crowd Source Applications			
<b>Total Contractual</b>	<b>(b) (4)</b>		

G. Construction

							\$0	\$0	\$0	\$0
<b>Total Construction</b>							\$0	\$0	\$0	\$0

H. Other

Third Party Data							(b) (4)			
Best Practices Implementation										
<b>Total Other</b>										

<b>I. Total Direct Charges</b>							\$550,320	\$473,880	\$484,872	\$1,509,072
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J. Indirect Costs

							\$0	\$0	\$0	\$0
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<b>TOTALS</b>							\$550,320	\$473,880	\$484,872	\$1,509,072
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\*State Employees to be hired by State of Idaho. Contract signed between CQA and State of Idaho to fund positions as follows

\*\*State Indirect Rate on these positions will be contributed at matching funds

		Year 3	Year 4	Year5	Total
<b>Salary</b>		(b) (4)			
Mapping Coordinator					
Framework Coordinator					
<b>Benefits @ 32%</b>	0.32				
Mapping Coordinator					
Framework Coordinator					
<b>Total Contracted Amount</b>					
<b>State of ID Indirect Rate (match)</b>	0.2				

**Idaho SBBD Supplemental Grant Application**  
**Budget Narrative: Data Collection and Related Activities**

The following describes proposed expenses for the Data Collection and Related Activities portion of the Supplemental Grant Application for the State of Idaho. The initial SBDDP grant recipient, and current applicant, is the Puget Sound Center for Teaching, Learning and Technology, now known and referred to herein as "The EdLab Group".

In total, we are requesting \$1,763,280 for ongoing data collection/verification/mapping activities (including Address File development activities) for Years 3, 4, and 5. A separate budget narrative is provided for all activities proposed under the "Other Program Purposes" portion of the grant program.

**A. Personnel:** The following lists all direct employees of the EdLab Group, the proposed Recipient for additional grant funding. State employees are considered contracts under the structure of this grant and are accounted for in the "Contractual" expense section below.

**FEDERAL REQUEST**

Position	Annual Salary/Rate	Level of Effort	Cost
Executive Director	(b) (4)		
Project Manager			
Operations Manager			
Contracts Coordinator			
		TOTAL	\$147,472

**JUSTIFICATION:**

Executive Director:

The Executive Director of the EdLab Group makes key programmatic decisions and has overall project oversight and responsibility for the delivery of all program outcomes. This position meets regularly with program staff to ensure the project is on task and on budget. This position also approves contracts with project vendors and generally oversees all other EdLab internal functions.

Project Manager:

The Project Manager position is responsible for organizing the activities of all EdLab personnel as well as contractors and vendors that support the program. He/she maintains the project plan and assigns tasks as necessary. This position also has primary responsibility for all program reporting, including ARRA 1512 reports, Quarterly NTIA Progress Reports, SF425s, and general reporting to the state and other program stakeholders.

Operations Manager:

This position assists the Project Manager in coordinating resources to fulfill project objectives. Activities may include scheduling of personnel, project communications, project accounting, and other general support functions.

Contracts Coordinator:

This position has specific expertise in the negotiation and execution of contracts with vendors that support project objectives. His/her time is weighted for the first year of the contract as there will be a significant up front effort required to place multiple vendors under contract.

**NON-FEDERAL MATCH**

No Personnel Expenses are being applied as Non-Federal Match. However, the indirect rate associated with these personnel expenses is being partially used as match funding. Explanation of the indirect rate used for match can be found later in this document.

**FEDERAL REQUEST**                    **\$147,472**  
**NON-FEDERAL MATCH**            **\$0**

**B. Fringe Benefits:**

**FEDERAL REQUEST**

Component	Rate	Wage	Cost
Executive Director	(b) (4)		
Project Manager			
Operations Manager			
Contracts Coordinator			
		<b>TOTAL</b>	<b>\$36,868</b>

**JUSTIFICATION:**

Fringe reflects current total rate for EdLab of 25%. Rate includes FICA, Sick Leave Conversion, Unemployment, Health Insurance, and other employee benefit expenses.

**NON-FEDERAL MATCH**

No fringe benefits are being contributed as a matching contribution

**FEDERAL REQUEST**                    **\$36,868**  
**NON-FEDERAL MATCH**            **\$0**

**C. Travel:** Explain need for all travel other than that required by this application. Local travel policies prevail.

**FEDERAL REQUEST**

Purpose of Travel	Location	Item	Rate	Cost
Instate travel by EdLab staff to support mapping functions.	TBD		\$3000 in Y3, Y4 & Y5.	\$9,000
Out of state travel for NTIA meetings, seminars, other related activities	TBD		\$1500 in Y4 & Y5	\$3000
			<b>TOTAL</b>	<b>\$12,000</b>

**JUSTIFICATION:**

In state travel costs assume \$3000 total for EdLab staff in Year 3, 4 & 5 and \$1500 in Years 4 & 5 for Out of State travel. These are cost estimates only and are based upon \$150/night hotel rate, \$40/day meals, \$60/day rental car.

**NON-FEDERAL MATCH**

No travel expenses are being contributed as matching funds.

**FEDERAL REQUEST                    \$12,000**  
**NON-FEDERAL MATCH                \$0**

**D. Equipment:**

No funding is requested for equipment in Years 3-5.

**FEDERAL REQUEST**                      \$ 0  
**NON-FEDERAL MATCH**                \$ 0

**E. Supplies:**

**FEDERAL REQUEST**

Item(s)	Rate	Cost
Misc Supplies including Laptop Computers	\$2000 in Y3, and \$500 in Y4 and Y5	\$3000
	TOTAL	\$3000

**JUSTIFICATION:**

The amounts above are requested to cover the cost of computers, peripherals and software for the EdLab Project Manager in Years 3-5. All other office supplies and equipment/network expenses are accounted for in the indirect rate.

**NON-FEDERAL MATCH**

No additional equipment beyond that accounted for in EdLab's indirect rate will be contributed to this program.

**FEDERAL REQUEST**                      \$ 3000  
**NON-FEDERAL MATCH**                \$ 0

**F. Contract:**

**FEDERAL REQUEST**

Name	Service	Rate	Other	Cost
CostQuest Associates/LinkAMERICA	Data Collection, GIS Programming, mapping and data processing in support of project activities.	\$550,320 in Y3, \$473,880 in Y4, and \$484,872 in Y5. See detailed budget worksheet		\$1,509,072
			TOTAL	\$1,509,072

**JUSTIFICATION:**

CostQuest Associates/LinkAMERICA is a vendor for Provider Relations, Data Collection, Data Normalization, and Interactive Map Development for the Idaho SBDD program in Years 1-2. Their continued involvement in this project is important for its ongoing success and for the successful transition of project activities at the end of Year 5. The annual budget assigned to CostQuest has been substantially reduced from Year 1-2 to allow for the funding of Idaho state staff members and project management by the grant recipient, EdLab Group, in Years 3-5. A more detailed break-out of this portion of the budget is provided on the "Contracts Budget" tab of the Supplemental Budget workbook.

**NON-FEDRAL MATCH**

No contractor contribution is being made to the Non-Federal matching funds.

**FEDERAL REQUEST**                    **\$ 1,509,072**  
**NON-FEDERAL MATCH**            **\$0**



**G. Construction: NOT ALLOWED**

**H. Other:** expenses not covered in any of the previous budget categories

**FEDERAL REQUEST**

No Federal Funds are being requested for the "Other" category

**NON-FEDERAL MATCH**

Item	Rate	Cost
Prior State Employee Time, Materials and Data	(b) (4)	
State CIO/GIO Salary, Benefits and Indirect		
EdLab Contributed Indirect Rate		
State Mapping Employee Contributed Indirect Rate		
State and Regional Broadband Advisory Group Volunteer Time		
	TOTAL	\$440,733

**JUSTIFICATION:**

**Prior State Employee Time, Materials and Data:** The Idaho GIO's office and county governments have previously engaged in Address File Development and Street Centerline Development via other statewide projects. The state GIO's office values the combined time and materials used for this project in excess of \$300,000. We are assigning a value of 1/3 of that amount to reflect the value of this prior data to the Broadband Mapping program and our ability to map anchor institutions. A separate worksheet providing valuation calculations can be provided if needed.

**State CIO/GIO Salary, Benefits, and Indirect:**

This is an estimate of the value of the hours the state CIO and GIO will contribute to management of the project. We anticipate increased involvement at this executive level as the state begins to position itself in Years 4-5 to take over the program.

**EdLab Contributed Indirect Rate:**

The EdLab Group has previously negotiated a 34% total indirect rate with the Federal Govt. We are contributing close to one half of that rate (14% of direct expenses including the first \$25,000 in contractual expenses) to this program as match.

State Mapping Employee Contributed Rate:

While the state of Idaho cannot provide cash compensation for the Framework Coordinator and Mapping Coordinator positions, both employees are expected to reside within the GIO's office and will benefit from all indirect services supplied by the Idaho State Government. Idaho has an established indirect rate of 20% and is not asking for those expenses to be reimbursed via this program. Those expenses are being contributed as a portion of the State's matching funds.

State and Regional Broadband Advisory Group Volunteer Time:

In Years 1-2 several regional broadband action committees have been established throughout the state. These committees are composed of influential local stakeholders who volunteer their time to ensure broadband is properly expanded within their areas. We will record the hours and value each committee member contributes to this program and are anticipating total value well in excess of \$(b) (4) per year. At this time, we are proposing a valuation of this matching contribution of \$(b) (4) per year.

<b>FEDERAL REQUEST</b>	<b>\$ 0</b>
<b>NON-FEDERAL MATCH</b>	<b>\$440,733</b>

**Indirect cost rate:**

**JUSTIFICATION:**

EdLab has a pre-negotiated indirect rate with the Federal Government of 34%. These rates include Administrative Services salaries and benefits, networking charges, office equipment rental, office supplies, business insurance, postage, publications and other approved miscellaneous charges. We are requesting that the grant program fund 20% of the total 34% rate.

As noted above, the remaining 14% of EdLab's indirect rate is being contributed as matching funds – along with full 20% contributed indirect rate for the newly hired state employees. Because the indirect rates of these two organizations are different, listing the indirect contribution in the Non-Federal Match line of this section is problematic. We have therefore listed all indirect rate contributions individually in the "Other" category above. No further contribution of indirect rate to the Non Federal Match is listed below.

**FEDERAL REQUEST**                      **\$54,868**

**NON-FEDERAL MATCH**                **\$0**

**BUDGET SUMMARY:**

<b>Category</b>	<b>Federal Request</b>	<b>Non-Federal Match</b>	<b>Total</b>
Personnel	\$147,472	\$0	\$147,472
Fringe	\$36,868	\$0	\$36,868
Travel	\$12000	\$0	\$12,000
Equipment	\$0	\$0	\$0
Supplies	\$3000	\$0	\$3000
Contractual	\$1,509,072	\$0	\$1,509,072
Other	\$0	\$440,733	\$440,733
Total Direct Costs*	\$1,708,412	\$440,733	\$2,149,146
Indirect Costs	\$54,868	\$0	\$54,868
Total Project Costs	\$1,763,280	\$440,733	\$2,204,014

**\* TOTAL DIRECT COSTS:**

**FEDERAL REQUEST**                      **\$1,708,412**

**NON-FEDERAL MATCH**                **\$440,733**

**TOTAL PROJECT COSTS:**

**FEDERAL REQUEST**                      **\$1,763,280**

**NON-FEDERAL MATCH**                **\$440,733**

**GRANTEE NAME:** Idaho - EDLab - P.K.A.Puget Sound Center for Teaching Learning and Technology

**ID - Capacity Building Budget**

**Directions: For each sheet, please edit the cells that are empty, not the cells with the grey background.**

**PLEASE ENTER YOUR EXISTING APPROVED BUDGET BELOW.**  
It should match your current SF 424.

EXISTING BUDGET	Federal	Match	Total
Personnel Salaries			\$0
Fringe Benefits			\$0
Travel		0	\$0
Equipment		0	\$0
Supplies		0	\$0
Subcontracts		0	\$0
Construction	0	0	0
Other	0		\$0
<b>Total Direct Costs</b>	\$0	\$0	\$0
<b>Total Indirect Costs</b>	\$0	\$0	\$0
<b>Total Costs</b>	\$0	\$0	\$0
<b>% Federal Share</b>	#DIV/0!		
<b>% Applicant Share</b>		#DIV/0!	

**PLEASE DO NOT ENTER TEXT BELOW.** It will populate automatically after you complete the other sheets.

REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	\$0	0	\$0
Fringe Benefits	\$0	0	\$0
Travel	0	0	\$0
Equipment	0	0	\$0
Supplies	0	0	\$0
Subcontracts	889,209	0	\$889,209
Construction	0	0	0
Other	0	\$226,040	\$226,040
<b>Total Direct Costs</b>	\$889,209	\$226,040	\$1,115,249
<b>Total Indirect Costs</b>	15,000	\$0	\$15,000
<b>Total Costs</b>	\$904,209	\$226,040	\$1,130,249
<b>% Federal Share</b>			
<b>% Applicant Share</b>			

NEW FEDERAL REQUEST ONLY	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
<b>Personnel Salaries:</b>						
All EdLab Personnel Salaries are listed in the Data Collection budget. EdLab Project Manager will have responsibility for all approved Data Collection and Other Program Purposes projects.	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Fringe Benefits</b>						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Travel</b>						
In State	0	0	0	0	\$0	
Out of State	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Equipment</b>						
					\$0	
					\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Supplies</b>						
		0	0	0	\$0	
					\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Subcontracts</b>						
State of Idaho Broadband Coordinator Position	0	(b) (4)				
VisionTech 350 - Capacity Building Services	0		0	0	\$0	
<b>Total</b>	0	444,800	196,474	147,935	\$889,209	889,209
<b>Construction</b>	0	0	0	0	\$0	
<b>Other</b>						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Total Direct Costs:</b>	0	444,800	196,474	147,935	\$889,209	889,209
<b>Total Indirect Costs:</b>	0	5,000	5,000	5,000	\$15,000	
<b>Total Costs:</b>	0	449,800	201,474	152,935	\$904,209	
<p>*Note: EdLab has a Federal Indirect rate of 34% total. They are requesting federal funding of 20% of that rate and will donate the remaining 14%. This rate is being applied to the first \$25,000 of contractual expenses only.</p>						
		Year 3	Year 4	Year 5		
EdLab Contributed Indirect Calculation @ 14% of first \$25,000 of contractual - For Matching funds		\$3,500	\$3,500	\$3,500		

Idaho - EDLab - P.K.A. Puget Sound Center for Teaching Learning and Technology		Multi-Year Budget Summary				
PROPOSED MATCH FOR NEW FEDERAL FUND REQUEST	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits (@ XX%)	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
In-State	0	0	0	0	\$0	
Out-of-State	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Supplies						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Construction	0	0	0	0	\$0	
Other					\$0	
Contributed Indirect Rate for Broadband Program Coordinator	0	(b) (4)				
University Faculty Salary	0					
Student Intern						
Regional Planning Team Volunteer						
EdLab Contributed Indirect Rate	0					
Contractor Contributed Hours						
Total	0	89,660	88,675	47,705	\$226,040	226,040
Total Direct Costs	0	89,660	88,675	47,705	\$226,040	226,040
Total Indirect Costs	0	0	0	0	\$0	
Total Costs	0	89,660	88,675	47,705	\$226,040	

If Applicable, Copy and Paste Any Budgets from Your Proposed Contractors

Please make sure to check your print settings for this page. Make sure that the page will print 1 page wide (you can have it as many pages long as you like).

**IDAHO - SUPPLEMENTAL BUDGET**

Capacity Building Detail for VisionTech 360

A. Personnel (3% COLA)	Rate	Year 3 FTE	Year 4 FTE	Year 5 FTE	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5
Researcher Director @ .50 FTE YR 3, .25 FTE YR 4, .1 FTE YR 5 - base is \$127,000	(b) (4)									
Research Associate @ .50 FTE, YR 3; .50 year 1 and 2, .25 YR 3 - base is \$80,000										
Software Development Specialist@.50 FTE YR3 - base is \$80,000										

B. Fringe Benefits (25% rate)	Rate	Year 1 FTE	Year 2 FTE	Year 3 FTE	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5
Researcher Director @ .50 FTE YR 3, .25 FTE YR 4, .1 FTE YR 5 - base is \$127,000	(b) (4)									
Research Associate @ .50 FTE, YR 3; .50 year 1 and 2, .25 YR 3 - base is \$80,000										
Software Development Specialist@.50 FTE YR3 - base is \$80,000										

C. Travel	# of Trip	Avg Airfare	Avg Hotel Rate	Avg # Nights	Avg PerDiem Days	Per Diem Amount	Rental Car Rate	Year 3	Year 4	Year 5
Travel to and within Idaho	7	500	150	2	2	50	50	\$7,000	\$7,000	\$0
		600	150	2	3	55	60	\$0	\$0	\$0
		600	150	2	3	55	60	\$0	\$0	\$0
		600	150	2	3	55	60	\$0	\$0	\$0
		600	150	2	3	55	60	\$0	\$0	\$0
		600	150	2	3	55	60	\$0	\$0	\$0
								\$7,000	\$7,000	\$0
										\$14,000

D. Equipment	Year 3	Year 4	Year 5
	\$0	\$0	\$0
<b>Total Equipment</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

E. Supplies	Year 3	Year 4	Year 5
Misc Supplies	\$2,400	\$2,400	\$0
<b>Total Supplies</b>	<b>\$2,400</b>	<b>\$2,400</b>	<b>\$0</b>

F. Contractual/Vendors	Year 3	Year 4	Year 5
University Research and Facilitation	\$159,025	\$97,622	\$35,068
			\$291,715
			\$0
			\$0

											\$0
											\$0
								\$0	\$0	\$0	\$0
								\$0	\$0	\$0	\$0
<b>Total Contractual</b>								<b>\$159,025</b>	<b>\$97,622</b>	<b>\$35,068</b>	<b>\$291,715</b>

**G. Construction**

								\$0	\$0	\$0	\$0
<b>Total Construction</b>								<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**H. Other**

Planning/Project Website Hosting								\$1,200	\$1,200		\$2,400
											\$0
											\$0
<b>Total Other</b>								<b>\$1,200</b>	<b>\$1,200</b>	<b>\$0</b>	<b>\$2,400</b>

**I. Total Direct Charges**

								<b>\$349,000</b>	<b>\$200,600</b>	<b>\$51,910</b>	<b>\$601,510</b>
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**J. Indirect Costs**

								\$0	\$0	\$0	\$0

<b>TOTALS</b>								<b>\$349,000</b>	<b>\$200,600</b>	<b>\$51,910</b>	<b>\$601,510</b>
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If Applicable, Copy and Paste Any Budgets from Your Proposed Contractors

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### IDAHO - SUPPLEMENTAL BUDGET

Capacity Building Detail for State Broadband Director Contract

A. Personnel (3% COLA)	Rate	Year 3 Hours	Year 4 Hours	Year 5 Hours	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5
Broadband Program Coordinator	(b) (4)									

B. Fringe Benefits (32% rate)	Rate	Year 1 FTE	Year 2 FTE	Year 3 FTE	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5
Broadband Program Coordinator	(b) (4)									

C. Travel	# of Trip	Avg Airfare	Avg Hotel Rate	Avg # Nights	Avg PerDiem Days	Per Diem Amount	Rental Car Rate	Year 3	Year 4	Year 5
Instate Travel	(b) (4)									
Out of State Travel										

D. Equipment								Year 3	Year 4	Year 5
Total Equipment								\$0	\$0	\$0
								\$0	\$0	\$0

E. Supplies								Year 3	Year 4	Year 5
Laptop Computer/Software/Peripherals								\$2,500	\$0	\$0
Total Supplies								\$2,500	\$0	\$0
								\$2,500	\$0	\$0

F. Contractual/Vendors								Year 3	Year 4	Year 5
								\$0	\$0	\$0
								\$0	\$0	\$0
								\$0	\$0	\$0
								\$0	\$0	\$0
								\$0	\$0	\$0
								\$0	\$0	\$0
								\$0	\$0	\$0
Total Contractual								\$0	\$0	\$0
								\$0	\$0	\$0

G. Construction								Year 3	Year 4	Year 5
Total Construction								\$0	\$0	\$0
								\$0	\$0	\$0

H. Other

														\$0
														\$0
														\$0
Total Other											\$0	\$0	\$0	\$0

I. Total Direct Charges										\$95,800	\$95,874	\$96,025	\$287,699
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J. Indirect Costs										\$0	\$0	\$0	\$0
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<b>GRAND TOTALS</b>										\$95,800	\$95,874	\$96,025	\$287,699
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\*State Employees to be hired by State of Idaho. Contract signed between EdLab Group and State of Idaho to fund positions

\*\*State Indirect Rate on these positions will be contributed as matching funds

State of ID Indirect Rate 20% (applied as match)	20%	Year 3	Year 4	Year5	Total
Broadband Program Coordinator		\$19,160	\$19,175	\$19,205	\$57,540

**GRANTEE NAME:**

**Idaho - EDLab - P.K.A.Puget Sound Center for Teaching Learning and Technology**

**ID - Technical Training Budget**

**Directions: For each sheet, please edit the cells that are empty, not the cells with the grey background.**

**PLEASE ENTER YOUR EXISTING, APPROVED BUDGET BELOW. It should match your current SF 424.**

EXISTING BUDGET	Federal	Match	Total
Personnel Salaries	0	0	\$0
Fringe Benefits	0	0	\$0
Travel	0	0	\$0
Equipment	0	0	\$0
Supplies	0	0	\$0
Subcontracts			
Construction			0
Other			\$0
Total Direct Costs	\$0	\$0	\$0
Total Indirect Costs			\$0
Total Costs	\$0	\$0	\$0
% Federal Share	#DIV/0!		
% Applicant Share		#DIV/0!	

**PLEASE DO NOT ENTER TEXT BELOW. It will populate automatically after you complete the other sheets.**

REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	\$0	0	\$0
Fringe Benefits	\$0	0	\$0
Travel	0	0	\$0
Equipment	0	0	\$0
Supplies	0	0	\$0
Subcontracts	131,889	0	\$131,889
Construction	0	0	0
Other	0	\$33,000	\$33,000
Total Direct Costs	\$131,889	\$33,000	\$164,889
Total Indirect Costs	0	\$0	\$0
Total Costs	\$131,889	\$33,000	\$164,889
% Federal Share			
% Applicant Share			

NEW FEDERAL REQUEST ONLY	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
<b>Personnel Salaries</b>					\$0	
					\$0	
					\$0	
					\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Fringe Benefits</b>					\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Travel</b>					\$0	
<i>In-State</i>					\$0	
<i>Out-of-State</i>					\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Equipment</b>					\$0	
					\$0	
					\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Supplies</b>					\$0	
Misc Supplies (included computers/peripherals under \$5000)					\$0	
					\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Subcontracts</b>						
Policy and Industry Expert Firm - Project Management, Content Development and Delivery	0	44,990	45,215	41,684	\$131,889	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	44,990	45,215	41,684	\$131,889	131,889
<i>Construction</i>					\$0	
<b>Other</b>					\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Total Direct Costs</b>	0	44,990	45,215	41,684	\$131,889	131,889
<b>Total Indirect Costs*</b>					\$0	
<b>Total Costs</b>	0	44,990	45,215	41,684	\$131,889	

Idaho - EDLab - P.K.A. Puget Sound Center for Teaching Learning and Technology		Match as % of total project cost				
PROPOSED MATCH FOR NEW FEDERAL FUND REQUEST	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
<b>Personnel Salaries</b>						
	0				\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Fringe Benefits (@XXX%)</b>						
	0		0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Travel</b>						
<i>In State</i>	0	0	0	0	\$0	
<i>Out of State</i>	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Equipment</b>						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Supplies</b>						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Subcontracts</b>						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
<b>Total</b>	0	0	0	0	\$0	0
<b>Construction</b>	0	0	0	0	\$0	
<b>Other</b>						
Contribution of hours for development of content - Contract Firm		9,000	9,000	9,000	\$27,000	
Doanition of facilities for meetings, seminars and workshops from Universities		2,000	2,000	2,000	\$6,000	
					\$0	
					\$0	
<b>Total</b>	0	11,000	11,000	11,000	\$33,000	33,000
<b>Total Direct Costs</b>	0	11,000	11,000	11,000	\$33,000	33,000
<b>Total Indirect Costs</b>	0	0	0	0	\$0	
<b>Total Costs</b>	0	11,000	11,000	11,000	\$33,000	

**IF APPLICABLE, COPY AND PASTE ANY BUDGETS FROM YOUR PROPOSED CONTRACTORS**

If Applicable, Copy and Paste Any Budgets from Your Proposed Contractors

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**IDAHO - SUPPLEMENTAL BUDGET**

Technical Training Contractor Detail - for CostQuest Associates/LinkAMERICA

A. Personnel (3% COLA)	Rate	Year 3 Hours	Year 4 Hours	Year 5 Hours	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5
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(b) (4)

B. Fringe Benefits (25% rate)	Rate	Year 1 FTE	Year 2 FTE	Year 3 FTE	COLA Year1	COLA Year2	COLA Year3	Year 3	Year 4	Year 5	
											\$0
											\$0
											\$0
											\$0
											\$0
											\$0
								\$0	\$0	\$0	\$0

C. Travel	# of Trip	Avg Airfare	Avg Hotel Rate	Avg # Nights	Avg PerDiem Days	Per Diem Amount	Rental Car Rate	Year 3	Year 4	Year 5
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(b) (4)

D. Equipment	Year 3	Year 4	Year 5	Total
Total Equipment	\$0	\$0	\$0	\$0

E. Supplies	Year 3	Year 4	Year 5	Total
Total Supplies	\$0	\$0	\$0	\$0

F. Contractual/Vendors  
(b) (4)

G. Construction

								\$0	\$0	\$0	\$0
Total Construction								\$0	\$0	\$0	\$0

H. Other

											\$0
											\$0
								\$0	\$0	\$0	\$0
Total Other								\$0	\$0	\$0	\$0

<b>I. Total Direct Charges</b>								<b>\$44,990</b>	<b>\$45,215</b>	<b>\$41,684</b>	<b>\$131,889</b>
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J. Indirect Costs

								\$0	\$0	\$0	\$0

<b>K. TOTALS</b>								<b>\$44,990</b>	<b>\$45,215</b>	<b>\$41,684</b>	<b>\$131,889</b>
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**Idaho SBBD Supplemental Grant Application  
Budget Narrative: Technical Training**

The following describes proposed expenses for the Technical Training portion of the Supplemental Grant Application for the State of Idaho.

In total, we are requesting \$132,000 in Federal funding for ongoing Technical Training for Years 3, 4, and 5. The total funding for this project is \$165,000, \$33,000 of which is contributed as in-kind match.

**A. Personnel:** No direct labor positions from The EdLab Group (F.K.A - The Puget Sound Center for Teaching, Learning and Technology), the proposed Prime Recipient for additional grant funding, will support this program. All expenses under the structure of this grant and are accounted for in the "Contractual" expense section below.

**FEDERAL REQUEST**

Position	Annual Salary/Rate	Level of Effort	Cost

**JUSTIFICATION:**

**NON-FEDERAL MATCH**

FEDERAL REQUEST           \$0  
NON-FEDERAL MATCH       \$0

**B. Fringe Benefits:**

**FEDERAL REQUEST**

Component	Rate	Wage	Cost
Contracts Coordinator			

**JUSTIFICATION:**

**NON-FEDERAL MATCH**

FEDERAL REQUEST           \$0



**NON-FEDERAL MATCH      \$0**

**Travel:** Explain need for all travel other than that required by this application. Local travel policies prevail.

**FEDERAL REQUEST**

Purpose of Travel	Location	Item	Rate	Cost

**JUSTIFICATION:**

**NON-FEDERAL MATCH**

No travel expenses are being contributed as matching funds.

**FEDERAL REQUEST            \$0**  
**NON-FEDERAL MATCH        \$0**

**D. Equipment:**

No funding is requested for equipment in Years 3-5.

FEDERAL REQUEST                      \$ 0  
NON-FEDERAL MATCH                      \$ 0

**E. Supplies:**

**FEDERAL REQUEST**

Item(s)	Rate	Cost

**JUSTIFICATION:**

**NON-FEDERAL MATCH**

FEDERAL REQUEST                      \$ 0  
NON-FEDERAL MATCH                      \$ 0

**F. Contract:**

**FEDERAL REQUEST**

Name	Service	Rate	Other	Cost
(b) (4)				

**JUSTIFICATION:**

(b) (4)

**NON-FEDRAL MATCH**

Item	Rate	Cost
(b) (4)		

**FEDERAL REQUEST**            \$ 132,000  
**NON-FEDERAL MATCH**        \$ 33,000

**G. Construction: NOT ALLOWED**

**H. Other:** expenses not covered in any of the previous budget categories

**FEDERAL REQUEST**

No Federal Funds are being requested for the "Other" category

**NON-FEDERAL MATCH**

Item	Rate	Cost

**JUSTIFICATION:**

**FEDERAL REQUEST            \$ 0**  
**NON-FEDERAL MATCH       \$ 0**

**Indirect cost rate:**

**JUSTIFICATION:**

**FEDERAL REQUEST                \$0**

**NON-FEDERAL MATCH            \$0**

**BUDGET SUMMARY:**

<b>Category</b>	<b>Federal Request</b>	<b>Non-Federal Match</b>	<b>Total</b>
Personnel	\$0	\$0	\$0
Fringe	\$0	\$0	\$0
Travel	\$0	\$0	\$0
Equipment	\$0	\$0	\$0
Supplies	\$0	\$0	\$0
Contractual	\$132,000	\$33,000	\$165,000
Other	\$0	\$0	\$0
Total Direct Costs*	\$132,000	\$33,000	\$165,000
Indirect Costs	\$0	\$0	\$0
Total Project Costs	\$132,000	\$33,000	\$165,000

**\* TOTAL DIRECT COSTS:**

**FEDERAL REQUEST                \$132,000**

**NON-FEDERAL MATCH            \$33,000**

**TOTAL PROJECT COSTS:**

**FEDERAL REQUEST                \$132,000**

**NON-FEDERAL MATCH            \$33,000**

## Idaho SBDD Supplemental Grant Program

### Project Narrative: Data Collection, Integration, Verification and Display

#### Funding Information:

Existing Mapping Award (Years 1-2)	\$1,339,773
Additional Funding Request (Years 3-5)	\$1,763,280
Total Funding Request	\$3,103,053

#### Overview:

The following describes LinkAMERICA's existing process for Data Collection, Normalization, Verification and Delivery to NTIA for Years 1-2 of the SBDD Program. We anticipate continuation of the existing processes for years 3-5 with the addition of several new techniques designed to further improve the quality and quantity of data collected. The core of this supplemental program remains consistent with the initial grant activities. Beyond making ongoing contributions to NTIA's national map, the supplemental program is designed to assist Idaho in understanding current broadband deployment and use, identifying supply and demand side gaps and developing / executing actionable plans to address gaps – with an emphasis on vulnerable populations including small rural communities across the state. An additional emphasis for the supplemental program is to transition management of the data collection and related functions to the State.

#### Data Gathering Methodology:

##### **Broadband Provider Data:**

The primary methods used to obtain broadband availability, speed, technology type, and infrastructure related information will remain consistent with Year 1-2 practices. This process involves the following steps:

1. Provider Identification: Providers are identified through multiple sources including Public Service Commission lists, FCC databases, industry organizations, web research and other means as necessary. . This process will continue as new providers enter the market and as we find others who, up to this point, have eluded our search efforts.
2. Provider Qualification: Each provider is contacted and their services are compared with NOFA requirements. Providers that meet the NOFA definition of broadband are included in the current data collection effort. Those who do not meet NOFA criteria remain on the contact list for future follow-up.
3. NDA Negotiation: When necessary, NDAs are executed with providers to ensure privacy/confidentiality of data. . This process will continue in years 3-5 as part of a greater effort to transfer confidentiality obligations to the State.
4. Provider Surveys: Providers use a secure web portal to securely answer questions and upload data regarding their coverage and network infrastructure. Example data tables, NSGIC Model

documentation and other helpful materials area made available to assist in the survey response process.

5. Data/Gap Analysis: A process whereby GIS Associates open and analyze incoming data for accuracy, formatting and completeness. Issues/gaps are identified and addressed with providers

#### **Anchor Institution Data:**

Community Anchor Institution (CAI) data is currently collected using the following steps.

1. CAI Identification: A master list of qualifying CAI's is being developed in Years 1-2. This list will serve as the base for future CAI outreach. The list will be updated via the same methods used in its initial creation: State and Federal lists of known CAIs, outreach to related associations, associations, coordination with State stakeholders (Boards of Education, Healthcare licensure, etc.) and data mining and web research.
2. Identification of existing data sources: In Years 1-2 resources will be identified that may already possess much of the connectivity information we require. As an example, the Idaho Education Network maintains information on school connectivity across the state. Where possible, data from these sources will be imported in our master database to serve as a baseline for future efforts.
3. Continued CAI Outreach: Ongoing efforts for both surveys and self reporting of required information. Surveys will focus on CAI categories where little information already exists, while self-reporting via the LinkIDAHO website will be encouraged to maintain accurate and current data.
4. Catalog of Public Networks and High Capacity Service Nodes: As a new initiative in Years 3-5, we will focus more closely on cataloging public networks and High Capacity Service Nodes. In our initial data collection efforts we find that a large amount of data is left out of the analysis by virtue of the NOFA's consumer orientation. Our goal is to begin analysis and data development driven by high capacity (non 7-10 day service providers) as well as academic networks and public networks (where allowed by security). We do not believe we will be able to complete an exhaustive survey given the resources available but we should be able to establish initial data frameworks, data sources and map layers. In Years 3-5 we anticipate continued use of this process for regular data updates.

In Years 3-5 we anticipate continued use of this process for regular data submissions to the NTIA's national database/map.

#### **Processes for Data Integration:**

The following steps describe our current process for data integration. We anticipate similar processes in Years 3-5, but expect to further automate these tasks as we gain experience and as providers become accustomed to the data submittal process.



1. **Initial Data Analysis:** Also mentioned above, this step often involves direct contact with providers to better understand the nuances of the data submissions. It is a critical first step so procedures can be identified for correctly mapping data in our master database.
2. **Data Normalization:** Further processing of incoming data to format appropriately for master database and ultimate submission to NTIA. This process often involves manually intensive geo-referencing activities to convert multiple input types to a common format for submittal to NTIA.
3. **Provider Review:** After normalization and loading to the master database, "check data" file and "check maps" are generated and presented back to all providers. Necessary corrections follow.
4. **NTIA Data Submittal:** Final dataset is formatted and submitted to NTIA. Beginning Sept. 2010 we anticipate the use of the NSGIC data model for all submissions. We also intend to develop a robust Exchange Transform Load (ETL) process to support the NSGIC data model.

The steps above apply to a wide range of submissions types, from pre-formatted NOFA compliant tables to paper maps and CAD drawings.

#### **Verification Methodology:**

Prior to submittal to NTIA and continuously throughout the project, data is verified using a combination of techniques. In the original project application we described this as a "Tapestry" approach and we expect the following Year 1-2 processes to continue:

1. **Provider verification of data normalization:** As described above, providers are allowed the opportunity to see their data in a final mapped format. Corrections can be made and gaps filled prior to submittal to NTIA. We expect to use a similar process for future data submissions through the end of Year 5, whereby providers have the option to submit complete new datasets or simply update the data that already exists in our master database
2. **Spatial modeling and quality assurance:** In years 1-2 we are working to identify and assemble geo-processing tools to help with quality assurance steps. These tools are currently focused on understanding the internal consistency of each provider's data. As we gather more data in years 3 to 5 we anticipate being able to incorporate larger amounts of crowd sourced data into our spatial modeling and quality assurance process.
3. **Third party data:** Several sources of third party data are purchased and used to both verify providers' submissions and fill in areas where providers refuse to participate or give incomplete data. This is a highly manual process in Years 1-2, but we expect Years 3-5 to incorporate a more automated approach to using third party data for verification. Data sources used to date include:
  - Direct Group MediaPrints – Cable boundaries
  - AmericanRoamer – mobile cellular coverage
  - MapInfo's ExchangeInfo – Telco exchange area boundaries
4. **Direct User input/feedback:** Our online interactive maps have a user feedback function that allows users to report errors in coverage information. Furthermore, we are implementing a speed test process that will integrate map click longitude and latitude with speed test results in an automated submittal. Users will verify that they are indeed at the location of the click on the map – allowing for better verification of provider reported access and speed.

5. Consumer surveys: Statistically valid surveys will be used further evaluate areas in question and to confirm overall statewide and area-wide data trends.

In addition to the above, we are testing new drive testing and crowd-sourcing technology using a sophisticated smart phone application that runs on consumer phones (on a constant basis in the background) collecting location, signal strength and transmission speed information. We are confident this technology will be extremely valuable in validating mobile coverage claims and are including a budget for its widespread use in Years 3-5.

#### **Future Leading Practices**

As indicated in the guidance document, we fully expect to implement Leading Practices, as adopted by NTIA, in the course of our regular proposed activities. Indeed, we are already implementing several of the practices recently outlined. We do not anticipate the need for a large amount of additional funding to implement these practices. However, the development of a "Confidence Score" to indicate the level of confidence in data is a fairly significant undertaking. Since the scope of such a system and the level of additional programming required to implement such a system is unknown at this time, we are proposing a modest budget in Years 3-5 for this purpose as well as integration into existing Quality Assurance and Exchange Transform Load (ETL) process.

#### **Confidential Data**

We are proposing no changes to the methods we use to protect proprietary and confidential information. However, in years 3-5 we will support the transition of data management to the State, as appropriate. This will include building knowledge within the State to understand the methods we used to protect confidential data, and helping them execute agreements that recognize the concerns of providers with respect to confidential data

#### **Address File Development**

The Supplemental Budget guidance document stresses the value of Address File Development to improve the accuracy of broadband maps - particularly in census blocks larger than 2.0 square miles. The Idaho GIO's office is requesting funding for the continuation of an existing "Framework Coordinator" position to further the work on this project. This position is responsible for facilitating diverse jurisdictions and governments to build and maintain statewide base map datasets, including parcels and structures (aka address points). This data will allow our broadband mapping efforts to much more accurately depict coverage and speed information and is critical to setting policy for the future expansion of broadband.

## **Idaho SBDD Supplemental Grant Program**

### **Project Narrative: Capacity Building**

#### **NAME: Enhancing Idaho Capacity to Implement Priority Broadband Investments**

This project will focus on building three-point initiative designed to enhance Idaho's capacity to support and sustain regional broadband investment strategies; the initiative includes: 1) modular training tools, 2) integrated monitoring and evaluation framework, and 3) statewide leadership.

**FUNDS AWARDED: \$ 492, 584**

**SUPPLEMENTAL FUNDS REQUESTED: \$904,209**

#### **PROBLEM TO BE ADDRESSED:**

Years one and two of the Idaho State Broadband Data Development (SBDD) initiative include the creation of "Broadband Investment Plans" customized to needs and opportunities in four distinct Idaho Regions. LinkAMERICA Alliance researchers are actively collecting and analyzing demand-side data that focus and refine priorities goals to be pursued by regional broadband investment plans. These investment plans will consider three types of investments; each critical to improving access to a national purpose such as: health, education, economic opportunity, safety, governmental performance, energy efficiency and/or quality of life in Idaho:

1. Investments to fill broadband **infrastructure and services** gaps;
2. Investments in broadband **awareness and adoption** initiatives; and
3. Investment of **local and regional leadership** resources to sustain broadband development efforts.

Planning teams in each region will identify up to three priority broadband investment projects appropriate to the needs the region. For each priority investment, a set of critical actions and measurable performance benchmarks will be identified along with an estimate of required funding and assigned responsibilities to Idaho organizations. However, the successful achievement of identified investment priorities will require:

1. On-going training and knowledge resources enhancing capacity of regional planning teams to implement desired actions.
2. Systems to monitor and evaluate progress in the achievement of identified benchmarks and collect needed data for future broadband investment efforts.
3. Overall sustainable statewide leadership to coordinate and encourage needed public-private partnerships and develop resources needed to fulfill regional priority initiatives.

Significant expertise to address each of these capacity building challenges is available from higher education, non-profit organizations and state agencies in Idaho. However additional technical support,

software tools and program operational funds are required to fully leverage this existing in-state expertise.

**SOLUTION:**

A three-point initiative is proposed as a solution to address gaps in current capacity building resources required for the sustainable achievement of investment priorities identified by regional planning teams in each of Idaho's four regions. These include:

1. Create and deliver content modules with training and information resources to support measurable implementation of priority investment projects identified by regional planning teams.
2. Design an appropriate monitoring and evaluation framework and provide training to regional planning teams.
3. Establish a state Broadband Program Coordinator position

***Create and Deliver Targeted Capacity Building Content Modules***

The LinkAMERICA Alliance in partnership with key Idaho higher education experts will develop a series of specialized training and information modules to support regional planning teams in implementing identified priority investment projects. Examples of possible modules include, but are not limited to:

- Diverse perspectives around regional broadband investments; perspectives from ILECs, CLECs, ISPs, local businesses, local agencies (including health and education), non-profits and residents.
- Organizing and managing effective public-private partnership teams.
- Small business resources for expanded adoption and use of broadband.
- Grant proposal writing for specific funding opportunities (e.g., education, health care, business, public safety, energy, environment, economy, etc.).
- Monitoring and evaluation of broadband development.

The specific topics for targeted capacity building content modules will be developed as a component of the regional broadband planning process during years one and two. Based on findings from demand-side research conducted in year 1 of the current grant, the project team will customize a modular capacity building program that directly supports Idaho's regional broadband investment plans. The proposed modules will be delivered using a combination of on-line and face-to-face delivery. The LinkAmerica Alliance Project Team will develop an interactive on-line delivery platform to be used by one or more Idaho higher education partners responsible for delivering training and relevant curriculum to support the needs of regional planning teams.

***Design and Deliver Monitoring and Evaluation Assistance***

Each regional investment plan developed in years one and two will include a well-defined set of metrics associated with priority projects. Supplemental SBDD funds requested by this proposal will be utilized to design and implement an operational framework for monitoring and evaluating progress towards achieving benchmarked priorities established by the regional planning teams.

Specifically, this framework will include,

- Best practices for measuring broadband investment outcomes will be identified and documented.
- An on-line data collection tool will be adopted to facilitate regional planning teams in capturing and tracking relevant project evaluation data
- Collected project data will be applied within appropriate modeling processes to estimate the social and economic impact of broadband investments.
- An on-line report-writing tool will be developed to support regional planning teams in analyzing and evaluating the project results.

An evaluation and monitoring training and content module will be carefully integrated into the capacity building modules as well as the role of a statewide Broadband Program Coordinator position (see below) to ensure regional teams have the necessary skills and tools to effectively collect critical evaluation data as well as to analyze and utilize the results to strengthen project outcomes.

#### ***Establish a Broadband Program Coordinator***

The final element of this supplement capacity building project is the establishment of a dedicated Broadband Program Coordinatorship for the state beginning in January of 2012 to ensure an appropriate institutional foundation is in place to sustain Idaho's broadband development program after SBDD funds have ended. Specifically dedicated state staffing will serve to

- Coordinate multi-agency efforts to address broadband priorities;
- Maintain on-going communication with legislators and other state public decision leaders to encourage a sustainable direction for the state's broadband initiative;
- Proactively engage the state's residents and businesses to increase 1) awareness of what can be accomplished through broadband and 2) participation in accomplishing state investment priorities;
- Promote critical public and private partnerships as needed to implement priorities;
- Oversee the fund-raising efforts to sustain broadband development through appropriate grant applications and development of other resources needed to implement the state's regional priorities.

A decision on the organization "home" broadband coordination capability will be considered within the state broadband planning process in year two.

#### **BENEFITS**

As a result of this supplemental broadband development project, Idaho's residents, organizations and governments will benefit from the following outcomes:

- Idaho's regional planning teams will have access to responsive, high quality training and information resources needed to implement priority regional broadband investment projects. This outcome is expected to increase the likelihood of success for these regional projects.

- The state will have better coordination among existing expertise at Idaho’s higher education institutions, businesses, non-profit organizations and state agencies. This coordination will help support and deliver highly responsive capacity building needs of regional planning teams. The focus on partnerships with existing in-state expertise is expected to improve the prospects for longer-term sustainability for Idaho’s broadband investment initiatives.
- By applying the data from a statewide broadband development monitoring and evaluation framework, information on the social and economic impact of broadband investments will improve Idaho’s ability to target future broadband investment resources to the most beneficial opportunities.
- The establishment of a state Broadband Program Coordinator will substantially improve chances for a longer-term state commitment to leveraging broadband in a systematic way to achieve state objectives.

**COST:**

	2012	2013	2014
Design on-line training platform	60,000	15,000	
Develop capacity Building Content Modules	75,000	25,000	
Design and support monitoring and evaluation framework	50,000	25,000	25,000
Economic and social impact modeling	100,000	50,000	
Management of regional team capacity building	50,000	50,000	25,000
Broadband Program Coordinator	120,000	120,000	120,000

**SBDD PURPOSE:**

Establishing a Broadband Program Coordinator serves to support the State’s digital future by facilitating regional planning teams and information exchange regarding demand, and collaborating with broadband providers to encourage deployment and use. The Capacity Building Content Modules, including the Monitoring and Evaluating module directly assist with providing and communicating a baseline assessment of broadband deployment, helps to identify and track the areas with low levels of deployment, monitors the rate at which residential and business users adopt broadband service and communicates and tracks the barriers to the adoption of broadband service.

IDAHO SUPPLEMENTAL SBDD GRANT REQUEST

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**NAME: Idaho Technical Training and Broadband Leadership Development**

**FUNDS AWARDED:**

\$xx,xxx

**SUPPLEMENTAL FUNDS REQUESTED:**

\$132,000

**PROBLEMS TO BE ADDRESSED:**

There are three problems related to Technical Training and Leadership Development that need to be addressed in Idaho:

- 1) While the BTOP and BIP programs are ending and will soon fund their final projects that does not mean there is diminishing need for additional financial assistance. Funding broadband networks and demand programs will become more and more difficult as BTOP and BIP hit their sunsets. The State, providers and other stakeholders continue to have difficulty funding projects to serve rural and disadvantaged communities. Much of the difficulty in funding projects comes from a lack of knowledge and capacity to understand and successfully navigate funding programs.
- 2) With the pace of change at the Federal level with regard to broadband policy, states, providers, and other stakeholders are finding it difficult to assess and understand how policy change will impact them.
- 3) While the speed of change on the policy front is fast, the changes in technology for deploying broadband are even faster. State government, community technology organizations and even broadband providers have difficulty understanding how the technology changes may impact the broadband landscape.

**SOLUTION:**

***Broadband Education Series***

We propose that a highly focused and timely Technical Training and Leadership Development program be developed and maintained in years 3 – 5 in Idaho. The keystone of this program will be Broadband Education Series; a series of in-state events and webinars focused on broadband policy, technology developments and funding opportunities. These well-attended events will provide the state with a sustainable mechanism to inform the broadband leaders across the state, as well as direct efforts to secure funding for broadband projects. We will host 2 in-state education seminars and multiple webinars per year on developing policy, technology, and funding issues. These events will be made “local” in that content will be directed to Idaho stakeholders and tailored to address Idaho issues and opportunities. State priorities will be informed by the ongoing broadband planning work underway in the state of Idaho. Education events, seminars, special events, and webinars could include, but are not limited, to the following subject matter:

- The National Broadband Plan
- Federal Funding of Broadband Projects/Programs
- Universal Service and Intercarrier Compensation
- Public Safety (i.e. interoperability, emergency alerts)
- SBDD State Broadband Planning Updates
- Title I/II reclassification implications
- FCC / Data confidentiality and availability
- Cyber Security
- Health Care and Technology
- Distance Learning
- E-Government and Gov 2.0

***Deliverables:***

<b><i>Deliverable</i></b>	<b><i>Recurrence</i></b>	<b><i>Number of Expected Participants</i></b>
On-sight Technology, Funding and Policy Seminars and Workshops	2x Annually	150 in total
Online Technology, Funding and Policy Webinars and Workshops	2x Annually	150 in total

***Federal Policy Updates***

This program will provide federal policy updates with an eye to local significance via a list service/email, social media and our state broadband website. These updates will include updated news and developments on broadband policy, weekly happenings in Congress, the FCC and other Federal entities/agencies.

<b><i>Deliverable</i></b>	<b><i>Recurrence</i></b>	<b><i>Number of Expected Participants/Recipients</i></b>
Federal Policy Updates	Weekly	150 per week

***Broadband Funding Playbook***

Written and delivered to support related events for state strategic planning, dissemination of project results and organization of events and communications on the topics discussed above. The Broadband Funding Playbook will develop and deliver an important perspective on federal policy development to the results of mapping and strategic planning projects conducted by the team. The playbook will be made available online for open access and wide spread use.



<i>Deliverable</i>	<i>Recurrence</i>	<i>Number of Expected Participants/Recipients</i>
Broadband Funding Playbook	Updated quarterly	Over 300

**BENEFITS:**

Events and information related to policy, technology, state strategic planning – coupled with the dissemination of project results and organization of events will allow stakeholders in the broadband arena to develop knowledge and network – all for a collective growth in state-wide capacity. Some of the work efforts discussed above have been done in years 1 and 2 of the SBDD program and were very well received and attended. There is high demand for broadband policy and technology events.

*Examples* of how the Idaho Technical Training and Broadband Leadership Development Program might benefit the state and ultimately consumers:

*Universal Service Funding:* States are starting to consider either altering their state USF funding programs to adopt an “advanced services” platform and funding mechanism, or developing new state broadband USF programs altogether. It is important for state policy makers to understand the policy changes being proposed federally as they look to develop their own systems. The Technical Training and Broadband Leadership Development Program will help keep the state informed on such matters.

*Federal Funding Opportunities:* With BTOP and BIP winding down, providers and other organizations will need guidance on how to navigate the grant and loan programs managed by RUS, NTIA and other federal / state entities (including regional commissions and non profits). Providing step-by-step guidance, both from workshops/seminars and from the Funding Playbook, for these programs will help the state maximize opportunities to bring funding to the communities that need it.

**COST:**

The cost of this project is related to developing content, delivering content and recovering costs related to those endeavors. The total three-year cost of this program will be \$132,000.

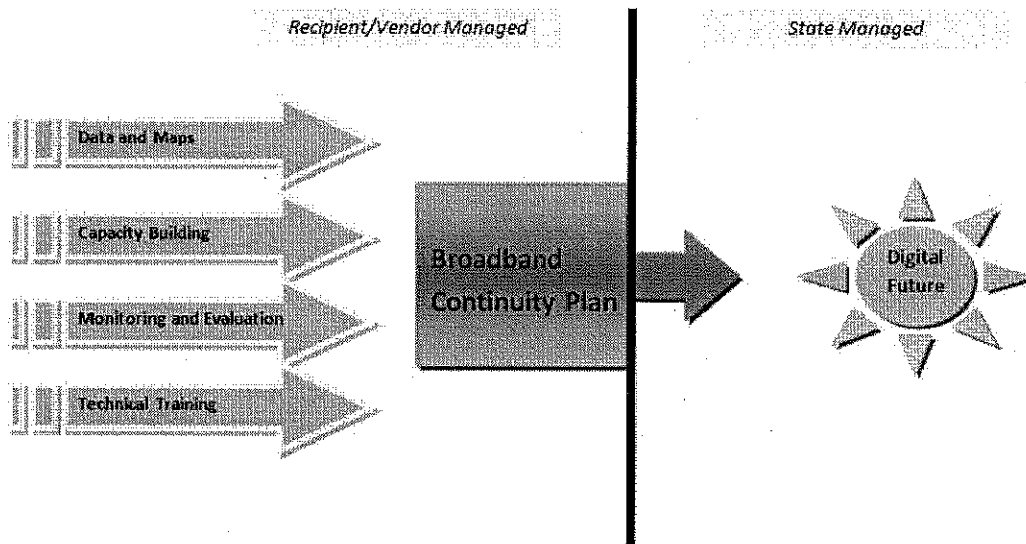
<b>Project</b>	<b>Year 3 (2012)</b>	<b>Year 4 (2013)</b>	<b>Year 5 (2014)</b>
Broadband Education Series	\$22,000	\$22,000	\$22,000
Federal Policy Updates	\$10,000	\$10,000	\$10,000
Broadband Funding Playbook	\$12,000	\$12,000	\$12,000

**SBDD PURPOSE:**

From a Technical Training perspective, the primary purpose for this project is to facilitate information exchange regarding use and demand for broadband services between public and private sector users, to collaborate with broadband service providers and information technology companies to encourage deployment and use, and generally to develop knowledge and aptitude for navigating the changing broadband landscape, both from a policy standpoint and from a technology standpoint. This project brings timely, relevant, and useful content to the broadband providers, stakeholders and leadership in the state.

## Conclusion

Not unlike the nation as a whole, the advancement of Idaho's participation in the digital economy through the application of broadband and information technologies is absolutely critical to achieving state and national goals in the coming years. While Idaho continues to experience significant success with a number of broadband enabled initiatives across a number of industry sectors, it also faces a number of daunting challenges. The rural communities in particular continue to lag in the availability and use of broadband. In order to leverage successful ventures to date and to address specific challenges, the goals set forth in the American Recovery and Reinvestment Act of 2009 (ARRA) and the Broadband Data Improvement Act (BDIA) are fully shared by Idaho. And the specific initiatives undertaken pursuant to the initial SBDDP grant – and as anticipated by this supplemental grant application – are simply 'mission critical' to Idaho. Said more plainly, the work undertaken by this groundbreaking grant program must be carried on and simply cannot fail. In order to make certain that the work developed under this program is sustained and carried forward to brighten Idaho's digital future, we're framing this additional work with a comprehensive Continuity Plan.



There are a number of key themes to the ongoing work funded by this program and discussed throughout this project narrative. These themes include:

- Full and effective participation in the national mapping process (e.g., advanced data definitions, improved data normalization processes, semi-annual data submissions, etc.), while developing processes that allow the state to take over this important work.
- Continued constructive engagement with service providers (e.g., provider-friendly data submissions, ongoing data validation routines, NDA management related issues, etc.), including facilitating a transfer of the relationships, formal and informal, to the State.
- Robust creative development of broadband supply and demand information assets (e.g., maps, survey results, confidence scoring routines, technical training materials and delivery routines, etc.)
- The clear articulation and application of those assets and related insights in the Idaho broadband planning process (e.g., the crafting and execution of region-specific broadband investment plans, etc.)

- Related data improvement and GIS management capacities (e.g., improved address level data acquisition and utilization, geographic information clearing house/coordination capabilities, etc.)

While each theme and the specific work it underwrites is important, it is the cumulative impact (the collective power) of these themes, along with the transfer of capabilities and knowledge, that are critical to the success of the work proposed within this supplemental grant program. Through the work outlined in this supplemental grant Idaho will:

- Effectively manage NTIA required data collection, normalization, validation and submission expectations in partnership with Idaho providers
- Expand the understanding and utility of anchor institution broadband access and public networks and advance the connectivity of these vital institutions and networks
- Advance the presentation of important broadband coverage information to all citizens and stakeholders through the program's online interactive maps
- Develop and advance the understanding of broadband 'costs to serve' in a manner that is consistent with provider engineering practices and geographic and market realities.
- Expand the understanding of consumer expectations and barriers – and employ that advanced knowledge in the action plans developed to advance the application and use of broadband across the state.
- Transition state resources (public and private) from planning to action based on solid fact-based broadband investment plans coupled with a compelling sense of ownership across a powerful array of well invested stakeholders.
- Identify and engage sustained in-state partners in the work ahead including relevant state agencies, towns and communities and higher education institutions with relevant expertise and the ability to serve.
- Develop and deliver a powerful array of technical information related to policy, technology, and strategic opportunities (including funding opportunities) through a host of relevant delivery processes including events, online meetings, webinars, etc.
- Design and develop key GIS data improvement capabilities related to address level information (as cited in the supplemental grant guidance document) and related GIS data management / clearing house capabilities.
- Identify, acquire, train and deploy state employees or direct state contractors to fully plan and manage the work of this program so that it can be sustained well beyond the life of this specific grant and as such ensure the continuity of program benefits well into the future.

Idaho fully supports the goals of this grant program. Idaho appreciates the sacrifice being made on its behalf – and through the work outlined in this project narrative Idaho is highly focused on and determined to fully participate in the national mapping program, improve the lives of its citizens and advance its ability to fully participate in the digital economy.



State of Idaho  
Department of Administration

C.L. "BUTCH" OTTER  
Governor  
J. MICHAEL GWARTNEY  
Director

650 West State Street Room 100  
P.O. Box 83720  
Boise, ID 83720-0003  
Telephone (208) 332-1824 or FAX (208) 334-2307  
<http://www.adm.idaho.gov>

June 30, 2010

Ms. Anne Neville  
US Department of Commerce, NTIA  
Washington, DC 20230

Dear Ms. Neville:

This letter supports the Supplement Grant application submitted by our partners, LinkAmerica Alliance, to continue broadband mapping and planning in Idaho. We are encouraged by LinkAmerica's successful efforts thus far, as evidenced by their on-time submission to you of the initial broadband map for Idaho. We are also highly satisfied by the robust communication among the affiliates and us, LAA's diligent project management, and the quality and professionalism of the people involved.

In tandem with this effort, Idaho is developing the Idaho Map (TIM), a strategic initiative that brings together governments, private organizations, universities and others, under a unified vision to develop, steward and share base map data and related services to achieve significant efficiencies and many other benefits. The broadband map is included in TIM. Given the intersection between TIM and the Broadband mapping and planning program, supplemental funding would also benefit TIM, which in turn will provide key information enhancing the impact and success of NTIA's program.

We urge your approval of funding of the Supplement Application so that Idaho can continue current beneficial activities and build capacity to sustain the effort beyond Year 5. Working hand in hand with LAA, Idaho will be positioned to achieve the goals of this program, while also contributing to the National Spatial Data Infrastructure.

Sincerely,

Handwritten signature of J. Michael Gwartney in black ink.  
J. Michael Gwartney, Director