## Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type: A. State Government

Type of Applicant 2: Select Applicant Type:

- Select One -

Type of Applicant 3: Select Applicant Type:

- Select One -

*Other (specify):

*10. Name of Federal Agency:
National Telecommunications and Information Administration

11. Catalog of Federal Domestic Assistance Number:

CFDA Title:

*12. Funding Opportunity Number: 0660-ZA29

*Title: State Broadband Data and Development Grant Program

13. Competition Identification Number:

Title:

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

*15. Descriptive Title of Applicant's Project:

Amended Application for State Broadband Data Development Program

**Attach supporting documents as specified in agency instructions.**

OMB Number: 4040-0004
Expiration Date: 04/31/2012

# Application for Federal Assistance SF-424

Version 02

| *1. Type of Submission | *2. Type of Application | *If Revision, select appropriate letter(s): |
|---|---|---|
| ☐ Preapplication | ☐ New | |
| ☑ Application | ☑ Continuation | * Other (Specify) |
| ☐ Changed/Corrected Application | ☐ Revision | |

*3. Date Received:

4. Application Identifier:

5a. Federal Entity Identifier:

*5b. Federal Award Identifier:

**State Use Only:**

6. Date Received by State:

7. State Application Identifier:

**8. APPLICANT INFORMATION:**

* a. Legal Name: State of New Jersey, Office of Information Technology

* b. Employer/Taxpayer Identification Number (EIN/TIN): 216000928

*c. Organizational DUNS: 807477898

**d. Address:**

*Street1: 300 Riverview Drive
Street 2:
*City: Trenton
County:
*State: NJ
Province:
Country:
*Zip/ Postal Code: 07826

**e. Organizational Unit:**

Department Name: Office of Information Technology

Division Name:

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

Prefix: Ms.
First Name: Shelley
Middle Name:
*Last Name: Bates
Suffix:

Title: Public Information Officer

Organizational Affiliation:

*Telephone Number: 609-633-9605

Fax Number:

*Email: shelley.bates@oit.state.nj.us

OMB Number: 4040-0004
Expiration Date: 04/31/2012

## Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

*a. Applicant NJ-all

*b. Program/Project: NJ-all

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

17. Proposed Project:

*a. Start Date: 2/22/2010

*b. End Date: 2/22/2015

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

| | |
|---|---|
| *a. Federal | $4,088,795.00 |
| *b. Applicant | $1,022,380.00 |
| *c. State | |
| *d. Local | |
| *e. Other | |
| *f. Program Income | |
| *g. TOTAL | $5,111,175.00 |

***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: Mr

*First Name: Adel

Middle Name: W

*Last Name: Ebeid

Suffix:

*Title: CTO/CIO

*Telephone Number: 609-984-4082

Fax Number:

*Email: adel.ebeid@oit.state.nj.us

*Signature of Authorized Representative: Adel W. Ebeid

Date Signed: July 1, 2010

OMB Number: 4040-0004
Expiration Date: 04/31/2012

# Application for Federal Assistance SF-424

Version 02

| | | |
|---|---|---|
| *1. Type of Submission | *2. Type of Application | *If Revision, select appropriate letter(s): A |
| ☐ Preapplication | ☐ New | |
| ☑ Application | ☐ Continuation | * Other (Specify) A |
| ☐ Changed/Corrected Application | ☑ Revision | |

*3. Date Received:

4. Application Identifier:

5a. Federal Entity Identifier:

*5b. Federal Award Identifier:

**State Use Only:**

6. Date Received by State:

7. State Application Identifier:

**8. APPLICANT INFORMATION:**

* a. Legal Name: Telcordia Technologies, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 22-2478398

*c. Organizational DUNS: 10-864-9864

**d. Address:**

*Street1: One Telcordia Drive
Street 2:
*City: Piscatawav
County:
*State: New Jersey
Province:
Country:
*Zip/ Postal Code: 08854

**e. Organizational Unit:**

Department Name: Advanced Technology Solutions

Division Name:

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

Prefix:
First Name: Diane
Middle Name:
*Last Name: Duffy
Suffix:

Title: Executive Director

Organizational Affiliation:

*Telephone Number: 732-699-2622
Fax Number:

*Email: diane@research.telcordia.

OMB Number: 4040-0004
Expiration Date: 04/31/2012

## Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type: Q. For-Profit Organization (Other than Small Business)

Type of Applicant 2: Select Applicant Type:

- Select One -

Type of Applicant 3: Select Applicant Type:

- Select One -

*Other (specify):

*10. Name of Federal Agency:
Department of Commerce, National Telecommunications and Information Administration

11. Catalog of Federal Domestic Assistance Number:

11.558

CFDA Title:

*12. Funding Opportunity Number: 0660-ZA29

*Title: State Broadband Data and Development Grant Program

13. Competition Identification Number:

Title:

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

*15. Descriptive Title of Applicant's Project:
Amended Application for State Broadband Data Development Program

**Attach supporting documents as specified in agency instructions.**

OMB Number: 4040-0004
Expiration Date: 04/31/2012

# Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

*a. Applicant NJ-006

*b. Program/Project: NJ-006

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

17. Proposed Project:

*a. Start Date: 02/22/2010

*b. End Date: 02/22/2015

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

| | |
|---|---|
| *a. Federal | $3,087,852.00 |
| *b. Applicant | $672,380.00 |
| *c. State | |
| *d. Local | |
| *e. Other | |
| *f. Program Income | |
| *g. TOTAL | $3,760,232.00 |

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☐ 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.
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*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: Diane

Midd le N ame:

*Last Name: Duffy

Suffix:

*Title: Executive Director

*Telephone Number: 732-699-2622

Fax Number:

*Email: diane@research.telcordia.com

*Signature of Authorized Representative: D E Duffy

Date Signed: 07/01/2010

# 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.

## INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 60 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 (0348-0043), 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.**

This is a standard form (including the continuation sheet) required for use as a cover sheet for submission of preapplications and applications and related information under discretionary programs. Some of the items are required and some are optional at the discretion of the applicant or the Federal agency (agency). Required items are identified with an asterisk on the form and are specified in the instructions below. In addition to the instructions provided below, applicants must consult agency instructions to determine specific requirements.

| Item | Entry: |
|---|---|
| 1. | **Type of Submission:** (Required): Select one type of submission in accordance with agency instructions.<br>• Preapplication<br>• Application<br>• Changed/Corrected Application – If requested by the agency, check if this submission is to change or correct a previously submitted application. Unless requested by the agency, applicants may not use this to submit changes after the closing date. |
| 2. | **Type of Application:** (Required) Select one type of application in accordance with agency instructions.<br>• New – An application that is being submitted to an agency for the first time.<br>• Continuation - An extension for an additional funding/budget period for a project with a projected completion date. This can include renewals.<br>• Revision - Any change in the Federal Government's financial obligation or contingent liability from an existing obligation. If a revision, enter the appropriate letter(s). More than one may be selected. If "Other" is selected, please specify in text box provided.<br>A. Increase Award B. Decrease Award<br>C. Increase Duration D. Decrease Duration<br>E. Other (specify) |
| 3. | **Date Received:** Leave this field blank. This date will be assigned by the Federal agency. |
| 4. | **Applicant Identifier:** Enter the entity identifier assigned by the Federal agency, if any, or applicant's control number, if applicable. |
| 5a | **Federal Entity Identifier:** Enter the number assigned to your organization by the Federal Agency, if any. |
| 5b. | **Federal Award Identifier:** For new applications leave blank. For a continuation or revision to an existing award, enter the previously assigned Federal award identifier number. If a changed/corrected application, enter the Federal Identifier in accordance with agency instructions. |
| 6. | **Date Received by State:** Leave this field blank. This date will be assigned by the State, if applicable. |
| 7. | **State Application Identifier:** Leave this field blank. This identifier will be assigned by the State, if applicable. |
| 8. | **Applicant Information:** Enter the following in accordance with agency instructions: |
| | **a. Legal Name:** (Required): Enter the legal name of applicant that will undertake the assistance activity. This is the name that the organization has registered with the Central Contractor Registry. Information on registering with CCR may be obtained by visiting the Grants.gov website. |
| | **b. Employer/Taxpayer Number (EIN/TIN):** (Required): Enter the Employer or Taxpayer Identification Number (EIN or TIN) as assigned by the Internal Revenue Service. If your organization is not in the US, enter 44-4444444. |
| | **c. Organizational DUNS:** (Required) Enter the organization's DUNS or DUNS+4 number received from Dun and Bradstreet. Information on obtaining a DUNS number may be obtained by visiting the Grants.gov website. |
| | **d. Address:** Enter the complete address as follows: Street address (Line 1 required), City (Required), County, State (Required, if country is US), Province, Country (Required), Zip/Postal Code (Required, if country is US). |
| | **e. Organizational Unit:** Enter the name of the primary organizational unit (and department or division, if applicable) that will undertake the |
| 10. | **Name Of Federal Agency:** (Required) Enter the name of the Federal agency from which assistance is being requested with this application. |
| 11. | **Catalog Of Federal Domestic Assistance Number/Title:** Enter the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested, as found in the program announcement, if applicable. |
| 12. | **Funding Opportunity Number/Title:** (Required) Enter the Funding Opportunity Number and title of the opportunity under which assistance is requested, as found in the program announcement. |
| 13. | **Competition Identification Number/Title:** Enter the Competition Identification Number and title of the competition under which assistance is requested, if applicable. |
| 14. | **Areas Affected By Project:** List the areas or entities using the categories (e.g., cities, counties, states, etc.) specified in agency instructions. Use the continuation sheet to enter additional areas, if needed. |
| 15. | **Descriptive Title of Applicant's Project:** (Required) Enter a brief descriptive title of the project. If appropriate, attach a map showing project location (e.g., construction or real property projects). For preapplications, attach a summary description of the project. |
| 16. | **Congressional Districts Of:** (Required) 16a. Enter the applicant's Congressional District, and 16b. Enter all District(s) affected by the program or project. Enter in the format: 2 characters State Abbreviation – 3 characters District Number, e.g., CA-005 for California 5th district, CA-012 for California 12th district, NC-103 for North Carolina's 103rd district.<br>• If all congressional districts in a state are affected, enter "all" for the district number, e.g., MD-all for all congressional districts in Maryland.<br>• If nationwide, i.e. all districts within all states are affected, enter US-all.<br>• If the program/project is outside the US, enter 00-000. |
| 17. | **Proposed Project Start and End Dates:** (Required) Enter the proposed start date and end date of the project. |
| 18. | **Estimated Funding:** (Required) Enter the amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines, as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses. |
| 19. | **Is Application Subject to Review by State Under Executive Order 12372 Process?** Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the |

| | | | |
|---|---|---|---|
| | assistance activity, if applicable.<br>**f. Name and contact information of person to be contacted on matters involving this application:** Enter the name (First and last name required), organizational affiliation (if affiliated with an organization other than the applicant organization), telephone number (Required), fax number, and email address (Required) of the person to contact on matters related to this application. | | State intergovernmental review process. Select the appropriate box. If "a." is selected, enter the date the application was submitted to the State |
| | | 20. | **Is the Applicant Delinquent on any Federal Debt?** (Required) Select the appropriate box. This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.<br><br>If yes, include an explanation on the continuation sheet. |
| 9. | Type of Applicant: (Required)<br>Select up to three applicant type(s) in accordance with agency instructions.<br>A. State Government<br>B. County Government<br>C. City or Township Government<br>D. Special District Government<br>E. Regional Organization<br>F. U.S. Territory or Possession<br>G. Independent School District<br>H. Public/State Controlled Institution of Higher Education<br>I. Indian/Native American Tribal Government (Federally Recognized)<br>J. Indian/Native American Tribal Government (Other than Federally Recognized)<br>K. Indian/Native American Tribally Designated Organization<br>L. Public/Indian Housing Authority<br>M. Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)<br>N. Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)<br>O. Private Institution of Higher Education<br>P. Individual<br>Q. For-Profit Organization (Other than Small Business)<br>R. Small Business<br>S. Hispanic-serving Institution<br>T. Historically Black Colleges and Universities (HBCUs)<br>U. Tribally Controlled Colleges and Universities (TCCUs)<br>V. Alaska Native and Native Hawaiian Serving Institutions<br>W. Non-domestic (non-US) Entity<br>X. Other (specify) | 21. | **Authorized Representative:** (Required) To be signed and dated by the authorized representative of the applicant organization. Enter the name (First and last name required) title (Required), telephone number (Required), fax number, and email address (Required) of the person authorized to sign for the applicant.<br>A copy of the governing body's authorization for you to sign this application as the official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.) |

OMB Approval No. 0348-0040

## 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 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.

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 of 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 VII 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 subagreement.

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 flood plains 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 will 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.

| SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL | TITLE |
|---|---|
| Joanne S Ferris | VP, Finance and Administration, Advanced Technology Solutions |
| **APPLICANT ORGANIZATION** | **DATE SUBMITTED** |
| Telcordia Technologies, Inc. | July 1, 2010 |

OMB Number: 4040-0004
Expiration Date: 04/31/2012

# Application for Federal Assistance SF-424

Version 02

| | | |
|---|---|---|
| *1. Type of Submission<br>☐ Preapplication<br>☑ Application<br>☐ Changed/Corrected Application | *2. Type of Application<br>☐ New<br>☐ Continuation<br>☑ Revision | *If Revision, select appropriate letter(s):<br>A<br>* Other (Specify)<br>A |

*3. Date Received: 4. Application Identifier:

| | |
|---|---|
| 5a. Federal Entity Identifier: | *5b. Federal Award Identifier: |

**State Use Only:**

| | |
|---|---|
| 6. Date Received by State: | 7. State Application Identifier: |

**8. APPLICANT INFORMATION:**

* a. Legal Name: Telcordia Technologies, Inc.

| | |
|---|---|
| * b. Employer/Taxpayer Identification Number (EIN/TIN):<br>22-2478398 | *c. Organizational DUNS:<br>10-864-9864 |

**d. Address:**

*Street1: One Telcordia Drive
Street 2:
*City: Piscatawav
County:
*State: New Jersey
Province:
Country: *Zip/ Postal Code: 08854

**e. Organizational Unit:**

| | |
|---|---|
| Department Name:<br>Advanced Technology Solutions | Division Name: |

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

Prefix: First Name: Diane
Middle Name:
*Last Name: Duffy
Suffix:

Title: Executive Director

Organizational Affiliation:

*Telephone Number: 732-699-2622 Fax Number:
*Email: diane@research.telcordia.

OMB Number: 4040-0004
Expiration Date: 04/31/2012

## Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type: Q. For-Profit Organization (Other than Small Business)

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Version 02

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

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☑ c. Program is not covered by E.O. 12372

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☑ **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: Diane

Midd le N ame:

*Last Name: Duffy

Suffix:

*Title: Executive Director

*Telephone Number: 732-699-2622 Fax Number:

*Email: diane@research.telcordia.com

*Signature of Authorized Representative: D E Duffy Date Signed: 07/01/2010

OMB Number: 4040-0004
Expiration Date: 04/31/2012

# 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.

**INSTRUCTIONS FOR THE SF-424**

Public reporting burden for this collection of information is estimated to average 60 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 (0348-0043), 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.**

This is a standard form (including the continuation sheet) required for use as a cover sheet for submission of preapplications and applications and related information under discretionary programs. Some of the items are required and some are optional at the discretion of the applicant or the Federal agency (agency). Required items are identified with an asterisk on the form and are specified in the instructions below. In addition to the instructions provided below, applicants must consult agency instructions to determine specific requirements.

| Item | Entry: |
|---|---|
| 1. | **Type of Submission:** (Required): Select one type of submission in accordance with agency instructions.<br>• Preapplication<br>• Application<br>• Changed/Corrected Application – If requested by the agency, check if this submission is to change or correct a previously submitted application. Unless requested by the agency, applicants may not use this to submit changes after the closing date. |
| 2. | **Type of Application:** (Required) Select one type of application in accordance with agency instructions.<br>• New – An application that is being submitted to an agency for the first time.<br>• Continuation - An extension for an additional funding/budget period for a project with a projected completion date. This can include renewals.<br>• Revision - Any change in the Federal Government's financial obligation or contingent liability from an existing obligation. If a revision, enter the appropriate letter(s). More than one may be selected. If "Other" is selected, please specify in text box provided.<br>A. Increase Award B. Decrease Award<br>C. Increase Duration D. Decrease Duration<br>E. Other (specify) |
| 3. | **Date Received:** Leave this field blank. This date will be assigned by the Federal agency. |
| 4. | **Applicant Identifier**: Enter the entity identifier assigned by the Federal agency, if any, or applicant's control number, if applicable. |
| 5a | **Federal Entity Identifier**: Enter the number assigned to your organization by the Federal Agency, if any. |
| 5b. | **Federal Award Identifier**: For new applications leave blank. For a continuation or revision to an existing award, enter the previously assigned Federal award identifier number. If a changed/corrected application, enter the Federal Identifier in accordance with agency instructions. |
| 6. | **Date Received by State:** Leave this field blank. This date will be assigned by the State, if applicable. |
| 7. | **State Application Identifier:** Leave this field blank. This identifier will be assigned by the State, if applicable. |
| 8. | **Applicant Information:** Enter the following in accordance with agency instructions:<br><br>**a. Legal Name**: (Required): Enter the legal name of applicant that will undertake the assistance activity. This is the name that the organization has registered with the Central Contractor Registry. Information on registering with CCR may be obtained by visiting the Grants.gov website.<br>**b. Employer/Taxpayer Number (EIN/TIN):** (Required): Enter the Employer or Taxpayer Identification Number (EIN or TIN) as assigned by the Internal Revenue Service. If your organization is not in the US, enter 44-4444444.<br>**c. Organizational DUNS**: (Required) Enter the organization's DUNS or DUNS+4 number received from Dun and Bradstreet. Information on obtaining a DUNS number may be obtained by visiting the Grants.gov website.<br>**d. Address**: Enter the complete address as follows: Street address (Line 1 required), City (Required), County, State (Required, if country is US), Province, Country (Required), Zip/Postal Code (Required, if country is US).<br>**e. Organizational Unit:** Enter the name of the primary organizational unit (and department or division, if applicable) that will undertake the |
| 10. | **Name Of Federal Agency**: (Required) Enter the name of the Federal agency from which assistance is being requested with this application. |
| 11. | **Catalog Of Federal Domestic Assistance Number/Title:** Enter the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested, as found in the program announcement, if applicable. |
| 12. | **Funding Opportunity Number/Title:** (Required) Enter the Funding Opportunity Number and title of the opportunity under which assistance is requested, as found in the program announcement. |
| 13. | **Competition Identification Number/Title:** Enter the Competition Identification Number and title of the competition under which assistance is requested, if applicable. |
| 14. | **Areas Affected By Project:** List the areas or entities using the categories (e.g., cities, counties, states, etc.) specified in agency instructions. Use the continuation sheet to enter additional areas, if needed. |
| 15. | **Descriptive Title of Applicant's Project:** (Required) Enter a brief descriptive title of the project. If appropriate, attach a map showing project location (e.g., construction or real property projects). For preapplications, attach a summary description of the project. |
| 16. | **Congressional Districts Of**: (Required) 16a. Enter the applicant's Congressional District, and 16b. Enter all District(s) affected by the program or project. Enter in the format: 2 characters State Abbreviation – 3 characters District Number, e.g., CA-005 for California 5th district, CA-012 for California 12th district, NC-103 for North Carolina's 103rd district.<br>• If all congressional districts in a state are affected, enter "all" for the district number, e.g., MD-all for all congressional districts in Maryland.<br>• If nationwide, i.e. all districts within all states are affected, enter US-all.<br>• If the program/project is outside the US, enter 00-000. |
| 17. | **Proposed Project Start and End Dates:** (Required) Enter the proposed start date and end date of the project. |
| 18. | **Estimated Funding:** (Required) Enter the amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines, as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses. |
| 19. | **Is Application Subject to Review by State Under Executive Order 12372 Process?** Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the |

| | | | |
|---|---|---|---|
| | assistance activity, if applicable.<br>**f. Name and contact information of person to be contacted on matters involving this application**: Enter the name (First and last name required), organizational affiliation (if affiliated with an organization other than the applicant organization), telephone number (Required), fax number, and email address (Required) of the person to contact on matters related to this application. | | State intergovernmental review process. Select the appropriate box. If "a." is selected, enter the date the application was submitted to the State |
| | | 20. | **Is the Applicant Delinquent on any Federal Debt?** (Required) Select the appropriate box. This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.<br><br>If yes, include an explanation on the continuation sheet. |
| 9. | Type of Applicant: (Required)<br>Select up to three applicant type(s) in accordance with agency instructions.<br>A. State Government<br>B. County Government<br>C. City or Township Government<br>D. Special District Government<br>E. Regional Organization<br>F. U.S. Territory or Possession<br>G. Independent School District<br>H. Public/State Controlled Institution of Higher Education<br>I. Indian/Native American Tribal Government (Federally Recognized)<br>J. Indian/Native American Tribal Government (Other than Federally Recognized)<br>K. Indian/Native American Tribally Designated Organization<br>L. Public/Indian Housing Authority<br>M. Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)<br>N. Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)<br>O. Private Institution of Higher Education<br>P. Individual<br>Q. For-Profit Organization (Other than Small Business)<br>R. Small Business<br>S. Hispanic-serving Institution<br>T. Historically Black Colleges and Universities (HBCUs)<br>U. Tribally Controlled Colleges and Universities (TCCUs)<br>V. Alaska Native and Native Hawaiian Serving Institutions<br>W. Non-domestic (non-US) Entity<br>X. Other (specify) | 21. | **Authorized Representative**: (Required) To be signed and dated by the authorized representative of the applicant organization. Enter the name (First and last name required) title (Required), telephone number (Required), fax number, and email address (Required) of the person authorized to sign for the applicant.<br>A copy of the governing body's authorization for you to sign this application as the official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.) |

## 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 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.

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 of 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 VII 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 subagreement.

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 flood plains 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 will 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.

| SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL | TITLE |
|---|---|
| Joann S Ferris | VP, Finance and Administration, Advanced Technology Solutions |
| APPLICANT ORGANIZATION<br>Telcordia Technologies, Inc. | DATE SUBMITTED<br>July 1, 2010 |

Standard Form 424B (Rev 4-2012) Back

## Project Abstract

The State of New Jersey proposes four projects designed to monitor broadband availability and to enhance and extend the adoption and use of these technologies to enhance the quality of life and business environment within the state.

The four proposed projects are:

**Data Collection, Integration, Verification and Display:** Funding for Years 1 and 2 have been approved (Total is $1,498,293). Additional funding is requested to implement leading practices (beginning in Year 2) and enhancements to our current data gathering, data verification, data integration, and display methods. The enhancements include an automated longitudinal study of service offerings and pricing, "selected" crowd sourcing of speed tests, and "incentive" crowd sourcing to collect wireless speed data in specifically targeted locations at specific times.

**State Broadband Capacity Building:** This project will instantiate a Broadband Program Office within New Jersey's Office of Information Technology. The activities to be conducted by the BPO will be designed to identify key gaps in broadband usage and the impediments to exploitation of broadband technologies and to develop and execute action and marketing plans designed to enhance broadband usage in the state.

**Local/Regional Technology Planning Teams:** Planning teams focused on improving the use of broadband by small businesses and institutions of higher education will be formed with the assistance of non-profits that have a history of serving clients in those sectors. The teams will benchmark current broadband use, set goals for improved use, and produce a realistic plan for achieving the goals.

**Technical Assistance:** This project is a companion to our Local/Regional Technology Planning Teams project. It will provide training, consulting, online resources, and sustainability planning to small businesses and institutions of higher learning in New Jersey. Technical assistance to small business will help small businesses improve their efficiency, productivity, and marketing by using broadband services to take advantage of web-based business function outsourcing, "cloud computing," advertising, and mobile apps. Technical assistance to higher education focuses on enabling mobile learning (m-learning) curriculum development, including the use of e-readers, collaboration applications, and social networking sites in courses.

| Project | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total |
|---|---|---|---|---|---|---|
| Data Collection | | | | | | |
| Current: | $1,159,565 | $338,728 | | | | $1,498,293 |
| New: | | $224,931 | $549,071 | $415,098 | $311,332 | $1,500,433 |
| Total: | $1,159,565 | $563,659 | $549,071 | $415,098 | $311,332 | $2,998,726 |
| State Capacity Building | 0 | $347,398 | $352,389 | $162,753 | $164,829 | $1,027,369 |
| Technical Assistance | 0 | $49,034 | $49,641 | $343,903 | $348,087 | $790,665 |
| Planning Teams | 0 | $333,119 | $334,736 | $50,924 | $51,551 | $770,329 |

**Contact:** Shelley Bates
NJ Office of Information Technology
P.O. Box 212
300 Riverview Plaza
Trenton, NJ 08625-0212
609.633.9605

# State of New Jersey
# State Broadband Data and Development Grant Program
# Supplemental and Amended Application

**Contact:**
Shelley Bates
NJ Office of Information Technology
P.O. Box 212
300 Riverview Plaza
Trenton, NJ 08625-0212
609.633.9605

# Contents

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# 1 Project Narrative

The State of New Jersey received funding authorization from NTIA, as shown in the table below, for an amount of $2,499,779 for broadband data collection/mapping and broadband planning. This proposal requests an additional amount of $5,111,175 to continue and enhance those data collection and mapping activities, and to fund three additional projects: Capacity Building, Regional Planning Teams and Technical Assistance.

| Total NJ SBDD Program: NTIA Obligated Funds | |
|---|---|
| Current Amount Awarded | $2,000,206 |
| Total New Funding Requested | $4,088,795 |
| Sum | $6,089,001 |

## 1.1 Currently Funded Activities

Under the current SBDD contract, the State of New Jersey is responsible for submitting broadband availability data, developing an interactive New Jersey broadband map, identifying service availability and gaps and analyzing challenges and opportunities in broadband deployment, adoption and use.

New Jersey has begun collecting availability data from broadband providers in the state, validating and verifying that data and submitting that data to NTIA. The Office of Information Technology within the State of New Jersey is responsible for arranging data delivery with the service providers and has contracted with Telcordia Technologies to perform the validation, verification and submission of data. Telcordia has established a secure and reliable infrastructure and set of procedures for accepting, verifying, processing and submitting the data. Telcordia and NJ OIT will work jointly to develop the interactive broadband map and integrate it with New Jersey's existing NJGIN geographic information network.

For the broadband planning activities, New Jersey OIT will work with Telcordia and Center for Urban Policy Research at Rutgers University. The team will use decades of residential and non-residential growth data and customized models of New Jersey's economy, coupled with the broadband accessibility data and the results of targeted telephone surveys, to examine the benefits of broadband to the state's economy and to identify challenges and opportunities in broadband deployment, adoption and use The goal of the planning work is the development of targeted programs to provide vulnerable and disadvantaged populations both with the needed skills and appropriate resources to take advantage of broadband access.

## 1.2 Proposed Projects

### 1.2.1 Data Collection, Integration, Verification and Display

Our data collection and submission methodology comprises several steps that involving acquiring data from reliable sources, validating and verifying that data and transforming it into a unified format for submission to NTIA. This approach offers the advantages of gaining data from the definitive source, the service providers, and the ability to verify the reporting via comparison with external data sources. It has the disadvantage of placing full control of the source data in the hands of those who may have reasons to limit dissemination and the potential for bias in reporting. We have looked to address these disadvantages with a pilot program of an alternate means of acquiring the data. We propose extend this method to further enhance the quality and coverage of the data and to continue collecting, processing and submitting data for the full five-year term.

| NJ SBDD Data Collection Task: NTIA Obligated Funds | |
|---|---|
| Current Amount Awarded | $1,498,293 |
| New Funding Requested | 1,500,433 |
| Total Anticipated Award | $2,998,726 |

#### *1.2.1.1 Data Gathering Methodology*

Current Methodology

Our data collection operation is designed to limit the load that submitting data places on the service providers. We have initiated outreach to all the known and suspected providers of broadband service in the state of New Jersey (over 50) and have negotiated or are negotiating non-disclosure agreements with many of them. To provide as much flexibility to providers as possible, we have constructed a secure Web site to allow electronic delivery of broadband availability and we also accept submission of data on physical media through mail and delivery services. We have produced and electronically-published documents describing the submission formats and procedures and created templates for the data submission files. **(Leading Practice: Small Providers)** We have established a dedicated email address and phone number (staffed during business hours) for technical assistance. **(Leading Practice: Provider Feedback)**

In the course of the data collection process, we discovered that the data supplied by the service providers is not as detailed as desired and may overstate the speed due to the roll-up process. To address this, we have initiated a preliminary study using data obtained from providers' consumer-facing Web sites. **(Leading Practice: Integration of Public Data Sources)** Although limited in scope and duration to date, this manual longitudinal study of service offerings, prices, and bundles from two providers has already identified changes in service provider offerings over time and differences between the speeds offered for sale and those reported by the provider. We have also begun investigating the application of speed-test tools for acquiring typical speed data from the general populace of the state. **(Leading Practice: Typical Speed)**

Year 2 Enhancements

With additional resources, we propose the following extensions to the current Year 2 data collection work plan:

- Automate and Extend Longitudinal Study of Service Offerings and Pricing. **(Leading Practice: Pricing, Ongoing Verification Activities, Integration of Public Data Sources)**

We have developed, using our own internal resources, a set of tools that support automated gathering of address-level, broadband availability data from the Web sites of service providers and aggregators. Application of these automated tools to the longitudinal study will allow us to collect data across a larger set of addresses and gather data at a finer temporal granularity. This enhanced data will enable us to better verify service provider data submissions and to track changes in service offerings and pricing over time. The increased quantity of data produced by these automated techniques will quickly outpace the manual analysis techniques we are employing in the pilot program. We propose to make use of Telcordia's Arroyo data processing environment, which we will supply as cost-share in lieu of a license fee, to enhance manual exploration of the data and ultimately to automate the analysis process. To create effective samples of addresses across census blocks, this effort will make extensive use of the parcel data provided by NJ OIT.

- Extend the data collection to additional means of broadband Internet access, including resellers and public Wi-Fi **(Leading Practice: Resellers, Free Public Wi-Fi)**

  While resellers do not represent unique capabilities for broadband access, their presence does represent the level of competition in offering broadband services. Knowledge of the presence of resellers will better enable us to interpret the pricing data obtained from surveys and the longitudinal study. Wi-Fi hotspots provide an alternate means of broadband Internet access and their proliferation gives a sense of the ubiquity of access. The fact that wireless service providers offer dual-mode (Wi-Fi/cellular) devices coupled with limited cellular data plans makes free, public Wi-Fi networks valuable even for those with other means of access.

#### Enhancements for Years 3, 4 and 5

For the later three years of the program, we propose not only to continue the current data collection methodology and the Year 2 enhancements, but to further extend the data collection operation:

- Selected Crowd Sourcing **(Leading Practice: Speed Geography, Typical Speed)**

  We will leverage the contacts developed in our interactions with anchor institutions and the technical assistance task, online surveys and Internet outreach to recruit participants around the state for speed tests of wireline and wireless broadband services.
- "Incentive" Crowd Sourcing **(Leading Practice: Speed Geography, Typical Speed, Ongoing Verification Activities)**

  We will leverage the concept of geo-caching games, to collect wireless speed data in specifically targeted locations at specified times. This will allow us to collect data from locations and at times that not covered by the random collection associated with the Selected Crowd Sourcing.

### *1.2.1.2 Processes for Data Integration*

As part of our data handling process, we transform the provider-supplied data into the NSGIC format **(Leading Practice: Method of Submission)** required for submission to NTIA. This process, which is individualized based on the data format provided by each provider, involves not only format modification, but also appropriate population of fields (e.g., FRNs, shape objects, speeds) in cases where service providers supplied the information but not on a per-record basis.

The steps taken during the data integration process are recorded in detail and the resulting document is included in the submission to NTIA. **(Leading Practice: Methodology)**

#### Year 2 Enhancements

Our existing data integration process is labor intensive, where users manually invoke software tools directly for each step. We propose to leverage Telcordia's Arroyo data processing environment and run-time engine to extend and automate the data integration process, ensuring consistency and efficiency in the process. **(Leading Practice: Methodology)**

#### Enhancements for Years 3, 4 and 5

The Arroyo automated data integration flows will be updated during years 3 through 5 to keep in line with changes to the leading practices, as described below, and to support new data types and providers as we incorporate resellers and Wi-Fi access.

### *1.2.1.3 Verification Methodology*

#### Current Methodology

We follow a structured and multi-step validation and verification process in reviewing the provider-supplied data. The first step is a high-level review, where we unpack the submission, verify the submitted data files against any submission list included by the service provider, ensure that the files can be opened and the information appears readable. If the submission passes all these checks, a note of data acceptance is emailed to the service provider. **(Leading Practice: Provider Feedback)**

The next step is to perform data validation and verification. The validation steps look within each of the data files to ensure that we can understand the submitted data and to perform validity tests such as determining if appropriate fields are present and populated and that data types and ranges are appropriate for each of the fields. The verification steps are designed to assess the accuracy of the submission by comparing the submitted data to external reference data. The steps include verification include against a variety of public reference data, **(Leading Practice: Integration of Public Data Sources)** customized for New Jersey, including:

- NJ census blocks and large census blocks based on US Census Bureau 2009 maps,
- Street segments, as defined in US Census Bureau TIGER/Line and by ESRI
- Counties, municipalities and towns in the state of New Jersey
- New Jersey Zip Codes, as defined by the US Postal Service
- Metropolitan Statistical Areas, as defined by the Office of Management and Budget
- Cellular Market Areas, as defined by the FCC
- Geo-coded addresses in the state of New Jersey, collected from NJ tax list/parcel records, and subsequently parsed, cleaned and mapped

Any issues identified in these validation and verification steps are communicated to the service providers for clarification and/or correction. **(Leading Practice: Provider Feedback)** The results of the Validation and Verification are recorded in detail and the resulting document is included in the submission to NTIA. **(Leading Practice: Methodology)**

We have begun to verify the provider-supplied data against the limited data we have been able to collect from our pilot studies and we will continue to do so. We will also make use of the results of our telephone survey, planned for the fall of 2010, for verification purposes. **(Leading Practices: Surveys)**

We are currently investigating a data confidence scale that will take into account the data sources and the results of the data validations and verification steps. **(Leading Practice: Data Confidence Scales)**

#### Year 2 Enhancements

Our existing process for verification makes use of software tools, but in a generally human-intensive manner, where a user is involved in each step in the process. We propose to leverage Telcordia's Arroyo data processing environment and run-time engine to extend and automate the verification process, providing the means for consistency and efficiency in the verification process. **(Leading Practice: Methodology)**

We also propose to enhance our verification process to take into account the data obtained from the automated longitudinal study that was proposed above as a Year 2 Enhancement. This data would allow us to cross check provider's declarations of broadband availability and investigate the potential for provider overstatement of rates. **(Leading Practice: Ongoing Verification Activities)**

**Finally,** we propose to extend our verification to make use of other data sources including FCC speed test results and Form 477 data. **(Leading Practice: Integration of Public Data Sources)**

#### Enhancements for Years 3, 4 and 5

The availability of crowd source data that we proposed as a Year 3-5 Enhancement above will provide new opportunities for data verification and support for planning and outreach activities. We propose to use the Selected Crowd Sourcing results for assessing the accuracy and completeness of the general availability data as well as the community anchor institution data. We propose to use the Incentive Crowd Sourcing in an iterative manner, where we select locations, providers, dates and times based on the coverage and confidence of the data, refine the data with the obtained results and then repeat the process. Based on the selected locations, these results can be used both to enhance data quality and to assess and refine the data confidence scales **(Leading Practice: Ongoing Verification Activities, Data Confidence Scales)**

### *1.2.1.4 Display*

#### Current Methodology

Later in Year 1, we will begin the effort to publish the broadband availability data as geo-spatial data, leveraging the capabilities of the New Jersey Office of Information Technology and the NJGIN geographic information network. Publishing the data in this manner will be useful for sharing with the community at large as well as with the individuals, survey participants and targeted groups.

### *1.2.1.1 Leading Practices*

The New Jersey team will endeavor to implement the best practices identified by NTIA within the resources described above.

### 1.2.2 State Broadband Capacity Building

Name: New Jersey Office of Information Technology (OIT) Broadband Program Office

| NJ SBDD Broadband Capacity Building: NTIA Obligated Funds | |
|---|---|
| Current Amount Awarded | $0 |
| New Funding Requested | 1,027,369 |
| Total Anticipated Award | $1,027,369 |

#### *1.2.2.1 Project Description*

PROBLEM: The State of New Jersey does not currently have a broadband program office or program director with the primary responsibility of addressing broadband opportunities in the state. NJ OIT has been coordinating New Jersey's participation in the BTOP program using existing resources in OIT with experience in IT and geographic information systems. The lack of a dedicated office and individual leader is a significant impediment to the state's ability to facilitate the adoption and widespread and effective use of broadband services.

SOLUTION: This project will instantiate a Broadband Program Office within OIT. The project will fund an experienced Program Director (part-time) and supported by a full-time administrator[1] as well as provide resources for consulting support. The activities to be conducted by the BPO will be designed to identify key gaps in broadband usage and the impediments to exploitation of broadband technologies and to develop and execute action and marketing plans designed to enhance broadband usage in the state.

Task 1: Broadband program inventory and assessment

The BPO will initiate an effort to identify the impediments and issues associated with adoption and use of broadband service and the assistance capabilities currently in place. The aim will be to investigate the potential for broadband use by a wide range of constituencies within the state, including primary and secondary schools, higher education, local governments, emergency response organizations, small businesses and residential users. This assessment will include the follow parts:

- The BPO will identify key organizations representing potential users of broadband technologies, particularly looking for organizations representing entities that may not be fully experiencing the benefits of broadband technologies, including disadvantaged families, community colleges, Boys and Girls clubs, YM/YWCAs, and public libraries.
- The Broadband Program Office will identify organizations and programs currently active within New Jersey aimed at supporting the growth and adoption of broadband. The BPO will then conduct outreach to these organizations to assess each program's capacity, organizational structure and model, methods, approaches, and gaps.
- The BPO will subsequently convene interest groups, comprised of representatives of the identified programs and user groups, fostering information sharing and exploration to identify key impediments to broadband adoption and usage. Each interest group will have a specific focus area, such as a particular technology, application, or perceived impediment to broadband. The results of the focus groups will be made available to the broader community in the form of white papers and/or webinars.
- The BPO will also form a task force with representatives of the identified organizations and the broadband providers in the state (addressed via the New Jersey Technology Council and other

[1] Funds will support administrator full time for years 2 and 3, and part time for the years 4 and 5.

such organizations and groups). The aim of the task force will be to identify realistic and sustainable approaches to key issues raised in the focus group. These approaches will feed directly into the action plans addressed in Task 2.

Task 2: Marketing and action plans

The BPO will look to address the identified issue leveraging both marketing and targeted activities. The BPO, in conjunction with the task force, will develop a statewide action plan involving governmental agencies, community groups, service providers and other affected parties to help address top priority concerns identified in assessment. The BPO will also design, develop and implement a marketing plan to inform and educate users and potential users of broadband technologies. The BPO will also develop appropriate metrics to assess the overall broadband usage in the state and the impact of these programs. Specifically:

- The action plan will be divided into tasks focused on one or a small set of key concerns, such as application selection, implementation assistance or hardware differentiation, and will target a specific user group or groups. In generating the action plan, the BPO will look to adopt the approaches identified by the task force and the best practices of the existing broadband programs and interest groups. The BPO will leverage those groups to implement the plan. Each task will include financial plan, including projected funding needs and potential sources. The BPO will provide the strategic planning, guidance and coordination necessary for a cohesive effort across the various organizations.
- The marketing plan will highlight the potential benefits of broadband for various constituencies, the availability of broadband services, the capabilities and advantages of the various broadband technologies and other topics associated with adopting and fully exploiting broadband in residential, commercial and public settings. Community anchor institutions, including schools and libraries, will serve as primary vehicles to reach the targeted entities and individuals.
- The BPO will develop metrics for tracking the degree of broadband adoption and use. The BPO will use the results of the survey, funded in the first phase, as a source of data to derive baseline values for these metrics. The BPO will use these metrics to assess the impact of the action and marketing plans over the course of the program.

This work will be coordinated with the regional planning and technical assistance projects described below. These planning and technical assistance efforts will represent a concurrent jump-start to defining and implementing a statewide broadband plan.

#### *1.2.2.2 Outcomes and Benefits*

A well designed outreach program, including marketing and action plans, will provide the information and education needed to facilitate widespread adoption and full realization of the benefits of broadband technologies. It is critical to leverage the expertise and experience of existing organizations and interest groups in order to execute this type of outreach in a short time with limited funds. Engaging service providers in the process provides crucial knowledge and expertise as well as a measure of control over technical and commercial issues. An office and an individual with the primary goal of pulling all these diverse pieces together will ensure that the state has an effective plan for broadband adoption and the ability to successfully execute it.

SBDD PURPOSE: The SBDD Purposes associated with this project include:
(3) Identify barriers to the adoption of broadband service and information technology services;

- This project will identify organizations within the state attempting to overcome these barriers, and targeted user communities to learn from them, facilitate sharing between them and identify and promote effective ways of addressing them.

(8) Collect and analyze detailed marketing data concerning use and demand for broadband service;

- This project aims to collect this information and use it as the basis for a set of metrics that can be used to assess broadband adoption and usage and gauge the effectiveness of the enhancement programs.

(9) Facilitate information exchange regarding use and demand for broadband services between the public and private sector users

- This project will sponsor focus groups representing public and private sector users and will form a task force of representatives of public and private sector users and service providers. These activities themselves will promote information sharing among the various parties. In addition, the results of these activities will be made public via documents and/or Webinars to increase the scope of information sharing.

### 1.2.3 Technical Assistance

NAME: Broadband Technical Assistance to Small Businesses and Education. This project will assist in implementing plans developed by the New Jersey Small Business and Education Planning Teams by providing broadband expertise to small businesses and institutions of higher education through established non-profit organizations serving those sectors.

| NJ SBDD Technical Assistance: NTIA Obligated Funds | |
|---|---|
| Current Amount Awarded | $0 |
| New Funding Requested | 790,665 |
| Total Anticipated Award | $790,665 |

PROBLEM: Our proposed companion project, New Jersey Small Business and Education Planning Teams, if approved, will produce benchmarks, goals, and detailed plans for improving the use of broadband by small businesses and institutions of higher education in New Jersey. Perhaps the greatest single barrier to implementing those plans successfully will be the technical expertise required. Typical small businesses will not have an IT staff that can keep up with the latest broadband technologies, understand their potential benefits and implement the technologies accordingly. Similarly, many faculty and staff members at community colleges and other institutions of higher education will need information and training before being able to deploy Mobile Learning (m-learning) courses.

Providing technical assistance in broadband to small businesses and higher education is complicated by the sheer numbers of small businesses and institutions of higher learning and the diverse locations where expertise is required. Assisting the many thousands of small businesses and the faculties at the more than 60 institutions of higher learning throughout New Jersey must be done in a way that is scalable. Moreover, the technical assistance must be provided through channels that have already been established to small businesses and higher education.

SOLUTION: We will work with two non-profit organizations: the New Jersey Small Business Development Centers (NJSBDC) and NJEDge.Net. These organizations have established connections and a history of providing assistance to New Jersey small businesses and higher education respectively.

#### Task 1: Provide Technical Assistance to Implement Recommendations of Small Business Planning Team:

Training: We will prepare tutorials and train-the-trainer materials to be delivered at selected conferences, workshops, and industry meetings targeting small businesses and organizations that provide consulting services to small businesses. The training will cover topics such as broadband service availability, pricing, and special small-business service bundles, cyber security, Internet-based outsourcing, and the full range of "cloud computing" offerings. Training will also cover exploiting mobile apps on smart phones, web-based marketing, and emerging concepts like social networking.

Consulting: Working with the NJSBDC, we will identify organizations that provide services to small businesses. These organizations may be in direct contact with numerous businesses in specific business sectors or regions of the state. We will provide technical consulting on broadband to these organizations so that they can amplify and distribute the technical expertise to small businesses.

Online Resources: We will develop a set of online resources and make them available New Jersey small businesses. These could include links to updated data concerning pricing, bundles, and incentive offers tailored to small businesses, a collaboration site with wikis, forums, FAQs, schedules for training sessions, and postings of interest to small businesses adopting broadband. We will use online outreach (email lists, social networking, online surveys, etc.) to publicize the availability of resources.

Sustainability Planning: We will catalog and inventory non-profits and other groups providing services to small businesses in the state. We will offer coordination assistance for their broadband activities. We will provide technical assistance to them as they apply for grants or other sources of funding.

### Task 2: Provide Technical Assistance to Implement Recommendations of Education Planning Team

Training: Working with NJEDge.Net and its Distance Learning Academic Advisory Board (DLAAB), we will develop m-learning training for faculty and staff at its member institutions. We will use innovative instructional methods developed by DLAAB that will enable our training to reach faculty and staff at the numerous and geographically distributed institutions of higher education in New Jersey. The training will describe the benefits of m-learning and present case study success stories. It will also include any information discovered in the benchmarking process by the Education Planning Team, such as which types of courses, course contents, students, etc. are best suited to m-learning. The training will include information on the variety of m-learning hardware platforms available, the type of broadband services required for m-learning, and existing mobile apps, texts, and other materials that could be used by faculty preparing an m-learning course. This training will be available in downloadable form.

Consulting: We will leverage NJEDge.Net to identify curriculum development and education technology centers that assist faculty and staff in taking advantage of new technologies for preparing courses. We will offer technical assistance to those centers on m-learning technology and methods.

Online Resources: In consultation with DLAAB, we will create a set of online resources focused on m-learning technology, addressing issues related to teaching and learning via m-learning. Resources could include links to m-learning research and reports, a collaboration site including wikis, forums, FAQs, schedules for training sessions, and postings of interest. We will use online outreach (email lists, social networking, online surveys, etc.) to publicize the availability of resources to the NJEDge.Net community.

Sustainability Planning: We will seek ways to broaden the impact of m-learning to additional educational settings (e.g. K-12 and libraries) beyond institutions of higher education in New Jersey. This activity will involve working with NJEDge.Net and other organizations focused on improving instruction and curriculum through the infusion of innovative technology. We will provide technical assistance to those organizations in applying for grants and additional funding to broaden the impact of m-learning.

## OUTCOMES AND BENEFITS

With the proposed technical assistance, we believe that small businesses and institutions of higher education in New Jersey – two known engines for economic growth – will have greatly improved use of broadband services. This means that small businesses will have the training, consulting, and online resources necessary to take advantage of services available via broadband and will benefit through increased efficiency, improved customer interaction and better supplier interactions. They will be able to take advantage of web-based marketing and advertising, and a range of mobile apps related to their business. For institutions of higher education, the outcome will be the capability to offer m-learning based courses with the primary benefit of affording greater participation in higher education to more people, by reducing financial and geographic barriers.

SBDD PURPOSE – 3

(3) To identify barriers to the adoption of broadband service and information technology services

- This proposal will not only identify barriers to the adoption of broadband and information technology services, but also it will directly address, via technical assistance, what is likely to be a primary barrier, namely the technical expertise available to small businesses and higher education institutions. The training, consulting, and online resources provided by this project to those two sectors should go a long way to reducing their barriers to adopting broadband.

### 1.2.4 Local/Regional Technology Planning Teams

NAME: New Jersey Small Business and Education Broadband Planning Teams. This project will establish regionally-based broadband planning teams for small business development and mobile learning (m-learning) cooperating with organizations already in place, and will produce benchmarks and goals for technology use, and plans with specific recommendations for achieving the goals.

| NJ SBDD Local/Regional Planning Teams: NTIA Obligated Funds | |
|---|---|
| Current Amount Awarded | $0 |
| New Funding Requested | 770,329 |
| Total Anticipated Award | $770,329 |

PROBLEM: Small businesses and higher education are two engines for achieving sustainable long-term economic growth and increased employment in New Jersey. To date the State has no systematic plan to infuse broadband technology and services into these important growth engines. This lack of broadband planning limits the ability of small businesses, community colleges, four-year colleges and universities to take advantage of the benefits of increased broadband availability and services. In the near term, because of state budget deficits and corresponding cuts, the state will not be able to take on the necessary broadband planning activities in these two important sectors.

Small businesses form an important, vibrant sector of the New Jersey economy. In 2006, the last year for which complete data are available, there were 205,321 small businesses in New Jersey (<500 employees) employing 662,845 people. Small businesses accounted for 18.1% of all employment in the state, but perhaps more importantly employed 51.1% of the state's private sector employees.

The State of New Jersey presently has no program planning to help small businesses understand and exploit broadband services to nurture their growth. Such services could benefit not only to high-tech small businesses, but also small businesses of any kind that can improve their productivity, efficiency, and market reach by exploiting broadband technology and associated applications and services. Such businesses need to understand and have easy access to information about broadband service availability, pricing, and special service bundles that can be tailored to their needs. To effectively exploit broadband, they need to be aware of a range of topics such as cyber security, and Internet-based supply chains and the full range of "cloud computing" offerings for outsourcing applications, and network and computing infrastructure.. They should also understand how they might exploit mobile apps on smart phones, web-based marketing, and emerging concepts like social networking.

Higher education in New Jersey comprises more than sixty institutions and is among the best in the country in terms of the percentage of citizens earning degrees. It is a well documented fact that a higher education degree greatly improves a person's chances of well-paid, sustained employment. Despite the traditional success of higher education in New Jersey, no planning effort is in place to take advantage of rapidly evolving broadband services and corresponding applications to education.

Specifically, the rapid improvement and widespread availability of wireless broadband services coupled with the ever increasing penetration of smart phones has made Mobile Learning (m-learning) a realistic possibility for higher education. M-learning includes opportunities to deliver textbooks less expensively on e-readers (e.g. Kindle, Nook, etc.) compared to print. M-learning can exploit smart phone apps tailored to specific course content. M-learning also can include innovative uses of social networking and online group learning via chat rooms, web conferencing and other collaboration technologies.

SOLUTION: We will work with two statewide organizations, the New Jersey Small Business Development Centers (NJSBDC) and NJEDge.Net to define benchmarks, set goals, and develop a plan to improve use of broadband services in small businesses and higher education in New Jersey.

The NJSBDC has been the premier provider of comprehensive services and programs for small businesses in the state. This non-profit organization is headquartered at the Newark-based Rutgers Business School and comprises 11 centers based in community colleges and universities throughout the state. The NJSBDC has established contacts in each county of New Jersey. This network assists small businesses in expanding their operations, managing their growth, and starting new ventures. The NJSBDC has leveraged funding from New Jersey (but state funding was cut 75% last year and may disappear altogether this year), the U.S. Small Business Administration, and other governmental and private sources to deliver a variety of educational, consulting, and other programs to small businesses.

We will work with NJEDge.Net to plan for statewide deployment of m-learning. NJEDge.Net is a non-profit technology consortium of academic and research institutions in New Jersey. Through its deployment of advanced Internet technologies and digital communication, NJEDge.Net supports its members in their teaching and learning; scholarship; research and development; outreach programs; public service, and economic development. The specific group that will assist with planning is the Distance Learning Academic Advisory Board (DLAAB). DLAAB plays a leadership role in bringing together the collective expertise of faculty to stimulate and coordinate distance learning initiatives and to promote the infusion of technology into higher education. The focus of DLAAB is on educational technology for teaching and learning, faculty development and support, and curricular innovation.

We will develop statewide plans to offer broadband assistance to New Jersey small businesses to be delivered through the NJSBDC regional network and to offer m-learning through the members of NJEDge.Net (see Technical Assistance proposal). The planning project will include three major tasks:

### Task 1: Benchmarking Use of Broadband Services in Small Businesses and the Use of M-learning in Higher Education:

Small Business Broadband Planning Team:

- Develop interview templates for use in gathering information from each of the NJSBDC regional representatives, and from heads of small businesses.
- Hold face-to-face meetings conference calls with staff at each of the NJSBDC regional locations to conduct interviews concerning broadband availability, penetration, barriers to adoption, etc.
- Develop appropriate and efficient ways to interview and collect data from small businesses, e.g. web-based surveys, focus groups at conferences, etc.
- Create metrics for gauging broadband deployment in New Jersey small businesses
- Identify and publicize broadband success stories among small businesses in New Jersey. Analyze the costs and benefits of broadband services and applications.

M-Learning Planning Team:

- Meet with NJEDge.Net DLAAB group to kickoff two-year planning effort around m-learning.
- Document potential benefit and actual adoption of m-learning technologies at NJEDge.Net institutions including e-readers for college textbooks, educational smart phone apps, mobile collaboration technologies, and social networking sites.

- Identify and publicize m-learning success stories in New Jersey. Analyze successes to determine dependence on the type of course, instructional materials, type of student, type of higher educational institution or other factors.
- Develop metrics and efficient ways to collect data gauging the use of m-learning.

### Task 2: Establish goals for improved use of broadband services by New Jersey small businesses and for m-learning courses in higher education

Small Business Broadband Planning Team:

- Categorize, as appropriate, New Jersey small businesses by business type and location.
- Within each category, establish goals for improved use of broadband services compared to the benchmarking carried out in Task 1.
- Within each category, identify the most relevant broadband service offerings, and service bundles, best pricing, best incentives, etc.
- Within each category, identify the specific business functions that are most improved or made most efficient by adopting broadband services, applications or broadband-enabler functions.

M-Learning Planning Team:

- Identify barriers and facilitators for m-learning, e.g. smart phone ownership, broadband service speeds and pricing, costs of texts in printed and downloadable form, etc.
- Based on benchmarking, set goals for m-learning segmented as appropriate by type of course, type of instructional content, type of student, etc.
- Solicit input and feedback from DLAAB group on goals.

### Task 3: Develop a plan to achieve goals for improved use of broadband by small businesses and for wider deployment of m-learning in higher education

Small Business Broadband Planning Team:

- Devise a multi-faceted small business outreach strategy (e.g., email lists, social networking, online surveys, etc.) to collect broadband usage information from each business category defined in Task 2.
- Devise a plan to share information from Tasks 1 and 2 with broadband service providers. The plan should focus on helping providers make the internal business case for additional broadband services or enhancements to their approach to the small business market.
- Propose conducting tutorials and train the trainer sessions at specific venues where good attendance by small business representatives is expected. These sessions should be chosen to cover the small businesses in each category developed in Task 2.
- Propose a set of online resources to make available to New Jersey small businesses. These could include links to updated data concerning pricing, bundles, and incentive offers tailored to small businesses, a collaboration site with wikis, forums, FAQs, schedules for training sessions, and postings of interest to small businesses adopting broadband.

M-Learning Planning Team:

- Devise a multi-faceted m-learning outreach strategy (e.g., email lists, social networking, online Webinars, etc.) to provide information and education related to m-learning
- Begin development of course curriculum for training m-learning technologies and methods.
- Devise a plan to share information from Tasks 1 and 2 with wireless broadband providers. The plan should focus on how m-learning may affect demands for broadband data services in specific locations and times of year.

OUTCOMES AND BENEFITS:

We expect that the two planning teams, followed with appropriate technical assistance, will result in measurably greater use of broadband by New Jersey small businesses, and greater availability of m-learning courses. Small businesses will benefit from the greater efficiency of operations and expanded marketing opportunities offered by broadband services. Students in higher education taking m-learning based courses should save on textbooks and course materials, have greater flexibility in the location and schedule for courses, and in general a better opportunity to take advantage of higher education offerings. Since small businesses and higher education are proven growth engines, we would expect a positive impact on New Jersey economic growth and employment.

SBDD PURPOSE: 2, 3, 5, 8

(2) To identify and track the areas with low levels of deployment, the rate at which residential and business users adopt broadband services, and possible suppliers of such services

- This proposal represents the first attempt in New Jersey to track broadband service adoption by small businesses, and to compile data concerning specific broadband service offers, bundles, and pricing relevant to small businesses.

(3) To identify barriers to the adoption of broadband service and information technology services

- Barriers to broadband adoption by small businesses will be identified specifically as part of the benchmarking task.

(5) To create and facilitate by county or designated region in a State, local planning teams

- Planning teams will be facilitated by working with organizations that already have a statewide network of representatives. For our work with small businesses, the NJSBDC has 11 centers distributed throughout the state, and has contacts in all 21 New Jersey counties. For m-learning planning, NJEDge.Net membership includes some 16 county and community colleges and 24 colleges and universities throughout the state. The NJEDge.Net DLAAB group will participate in the m-learning planning.

(8) To collect and analyze detailed marketing data concerning use and demand for broadband service

- This project will collect the most detailed non-proprietary marketing data concerning broadband use and potential demand by small businesses in New Jersey. The analysis of the data will include segmenting by business type and location. Part of the plan for achieving the goal of improved use of broadband by small businesses is to engage the broadband service providers to improve their services to small businesses.

## 1.3 Conclusion

This Amended Application proposes work whose ultimate goal is to increase the usage of broadband services as a means to improve the economy, employment and quality of life in New Jersey. We propose work that significantly extends and enhances our current Data Collection, Integration, Verification and Display project. We also propose an entirely new project that will give New Jersey for the first time a Broadband Program Office (BPO) and with it the capability to conduct statewide broadband capacity planning. Two companion projects are also proposed that directly address improving broadband usage in two sectors vitally important to the New Jersey economy: small businesses and higher education. These two projects will not only carry out current benchmarking, goal setting for improved usage, and planning for achieving those goals, but will also provide the technical assistance necessary for small businesses and higher education students to experience real benefits from improved broadband usage.

Our proposed extensions and enhancements to Data Collection, Integration, Verification, and Display include implementing proven leading practices, while at the same time employing innovative means to improve on our processes. The leading practices are emerging from the growing body of experience being shared by all awardees. They include collecting additional data from small providers, resellers, free public Wi-Fi operators, and public data sources, as well as deploying data confidence scales and improving feedback to providers. We will also introduce two innovative techniques. One, called "selected" crowd sourcing, will identify staff with IT expertise at anchor institutions and provide them with information on how to collect speed data in a reliable and valid way from their home residences. We think that this technique will improve the quality, quantity, and geographical distribution of wireline and wireless speed data. The second, called "incentive" crowd sourcing will employ the concept of geo-caching games to collect wireless speed data in specifically targeted locations at specified days and times. These two techniques should allow us to improve our verification of both availability and typical speed data. Finally, we plan an automated longitudinal study of service offerings, prices, bundles, and incentives so we can track changes in marketing strategies and service availability over time. It is important to note that much of the data we collect will be useful information for the other projects we are proposing.

The BPO established in the Capacity Building project will enable for the first time a statewide approach to assessing broadband availability and use by specific communities (e.g. youth clubs, libraries, senior centers, etc.), and the identification of gaps, and goals to enhance usage. In carrying out its work, the BPO will interact extensively with representatives of specific communities and organizations that serve those communities. The BPO will also interact with service providers, convening a task force of their representatives to identify realistic and sustainable approaches to achieving the usage goals. The BPO will meet with other state government agencies, representatives of user groups, and service providers to devise an action plan to close the gaps in improving broadband usage. It will then execute a marketing plan, working with community anchor institutions, to promote the benefits of increased broadband usage for specific communities, and to provide information about broadband service availability, applications, and case studies relevant to those communities. The BPO should produce a comprehensive and executable plan for improving broadband usage by targeted communities in New Jersey.

The remaining two companion projects seek to create planning teams to improve broadband service usage by small businesses and higher education, and provide the technical assistance required to execute the plans. The small business planning team will work with a non-profit that has a network of facilities and staff throughout the state focused on small businesses, and a history of delivering services to its small business clients. In the first two years of the planning project (program Years 2 and 3), we will benchmark the use and document the benefits of broadband for web-based outsourcing of business functions, "cloud computing," marketing, mobile apps, etc. and develop realistic goals and plans for increasing their use by small businesses. In the follow-on technical assistance project (Years 4 and 5) we will deliver training, consulting, online resources and sustainability planning. We expect that small businesses will experience increased efficiency and productivity, as well as improved marketing through improved use of broadband services.

Higher education, specifically mobile learning (m-learning) in county and community colleges, four-year colleges, and universities is the second sector of focus for the companion planning and technical assistance projects. The potential benefit is increasing student access to higher education by reducing the cost of course textbooks and materials, removing travel distance barriers, and improving the flexibility of course schedules. We will work with NJEDge.Net, an existing non-profit organization that has been serving the technology needs of New Jersey institutions of higher education. The planning project will carry out benchmarking, set m-learning goals, and produce a realistic plan for meeting the goals. The technical assistance project will supply the required expertise to train faculty members in m-learning course development, consult with centers of instruction and educational technology, and create online resources to assist with m-learning curriculum development.

Taken together, these four projects should improve the usage of broadband services in ways that are specifically targeted to have a large positive impact on sustained job growth in New Jersey and the increased employment and the overall quality of life of its citizens.

# Budget Narrative for NJ OIT

Project 1: Data Collection, Integration, Verification and Display

| Description | Federal | Matching | Total |
|---|---|---|---|
| Labor Category 1 | | | |
| Labor Category 2 | | | |
| Personnel Total | | | |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | | | |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs at a percentage of 34.38%. | | | |
| Travel | Travel to Washington DC to attend meetings and conferences on broadband measurement and adoption, GIS, and related fields. Six one-person trips in each of Years 2, 3, 4 and 5 at $1,044 per trip. | 25,056 | | 25,056 |
| Equipment | | | | |
| Supplies | Value of NJ parcel data and related information | | 350,000 | 350,000 |
| Contracts | Telcordia Technologies | 1,475,377 | 624,380 | 2,099,757 |
| Other | | | | |
| Total Direct Charges | | 1,500,433 | 974,380 | 2,474,813 |
| Indirect Charges | | | | |
| Total Charges | | 1,500,433 | 974,380 | 2,474,813 |

Project 2: State Broadband Capacity Building

Personnel

| Description | Federal | Matching | Total |
|---|---|---|---|
| Labor Category 1<br>Labor Category 1 is a project manager who will work part-time to lead and direct this project. The effort is front-loaded with more resources in years 2 and 3 and decreasing in years 4 and 5. | 102,800 | | 102,800 |
| Labor Category 2<br>Labor Category 2 is an administrative staff member with organizational and management skills who will work approximately full-time in years 2 and 3 and half-time in years 4 and 5 on the state plan, benchmarks and metrics. | 210,000 | | 210,000 |
| | | | |
| Personnel Total | 312,800 | | 312,800 |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | 312,800 | | 312,800 |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs at a percentage of 34.38%. | 108,980 | | 108,980 |
| Travel | Trips within New Jersey. 4 trips in Year 2; 4 trips in Year 3; 1 trip in Year 4 and 1 trip in Year 5; total of 10 trips at $118/trip. | 1,180 | | 1,180 |
| Equipment | | | | |
| Supplies | | | | |
| Contracts | Telcordia Technologies | 604,410 | | 604,410 |
| Other | | | | |
| Total Direct Charges | | 1,027,369 | | 1,027,369 |
| Indirect Charges | | | | |
| Total Charges | | 1,027,369 | | 1,027,369 |

Project 3: Technical Assistance

Personnel

| Description | Federal | Matching | Total |
|---|---|---|---|
| Labor Category 1<br>Labor Category 1 is a project manager who will work part-time to oversee this project in years 4 and 5. | 11,400 | | 11,400 |
| Labor Category 2<br>Labor Category 2 is an administrative staff member with management and technical skills who will work approximately one-quarter time in years 2 and 3 and full-time in years 4 and 5 to coordinate and deliver technical assistance. | 195,000 | | 195,000 |
| | | | |
| Personnel Total | 206,400 | | 206,400 |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | 206,400 | | 206,400 |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs at a percentage of 34.38%. | 71,910 | | 71,910 |
| Travel | Trips within New Jersey estimated. 12 trips in Year 4 and 12 trips in Year 5 for a total of 24 trips. Trip estimates based on two canonical destinations in New Jersey with 12 trips at $158/trip and 12 trips at $201/trip. | 4,308 | | 4,308 |
| Equipment | | | | |
| Supplies | | | | |
| Contracts | Telcordia Technologies, Inc. | 508,047 | 24,000 | 532,047 |
| Other | | | | |
| Total Direct Charges | | 790,665 | 24,000 | 814,665 |
| Indirect Charges | | | | |
| Total Charges | | 790,665 | 24,000 | 814,665 |

Project 4: Local / Regional Technology Planning Teams

Personnel

| Description | Federal | Matching | Total |
|---|---|---|---|
| | | | |
| Labor Category 2<br>Labor Category 2 is an administrative staff member with management and technical skills who will work approximately full-time in years 2 and 3 and one-quarter time in years 4 and 5 to coordinate technology planning teams. | 195,000 | | 195,000 |
| | | | |
| Personnel Total | 195,000 | | 195,000 |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | 195,000 | | 195,000 |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs at a percentage of 34.38%.. | 67,938 | | 67,938 |
| Travel | Trips within New Jersey estimated. 8 trips in Year 2 and 8 trips in Year 3 for a total of 16 trips. Trip estimates based on two canonical destinations in New Jersey with 12 trips at \$158/trip and 12 trips at \$201/trip. | 2,872 | | 2,872 |
| Equipment | One laptop and one projector for use at planning team meetings (\$3,000) plus \$1500 in miscellaneous consumables. | 4,500 | | 4,500 |
| Supplies | | | | |
| Contracts | Telcordia Technologies | 500,019 | 24,000 | 524,019 |
| Other | | | | |
| Total Direct Charges | | 770,329 | 24,000 | 794,329 |
| Indirect Charges | | | | |
| Total Charges | | 770,329 | 24,000 | 794,329 |

## Budget Narrative for Telcordia Technologies, Inc.

Project 1: Data Collection, Integration, Verification and Display

Personnel: Note Job Descriptions are provided on the last page of this Budget Narrative.

| Description | Federal | Matching | Total |
|---|---|---|---|
| Chief Scientist -- Federal Hours ONLY<br>Year 2: 122.5 hours<br>Year 3: 213 hours<br>Year 4: 164 hours<br>Year 5: 82 hours | 62,881 | 19,668 | 82,549 |
| Senior Scientist-- Federal Hours ONLY<br>Year 2: 622 hours<br>Year 3: 1471 hours<br>Year 4: 1144 hours<br>Year 5: 753 hours | 353,178 | 64,447 | 417,625 |
| Research Scientist -- Federal hours ONLY<br>Year 2: 296 hours<br>Year 3: 948 hours<br>Year 4: 589 hours<br>Year 5: 572 hours | 177,605 | | 177,605 |
| Personnel Total | 593,664 | 84,115 | 677,779 |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | 593,664 | 84,115 | 677,779 |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs. | 102,763 | 12,988 | 115,751 |
| Travel | Travel to Washington DC to attend meetings and conferences on broadband measurement and adoption, GIS, and related fields. Six one-person trips in each of Years 2, 3, 4 and 5 at $1,044 per trip. | 25,056 | | 25,056 |
| Equipment | | | | |
| Supplies | Arroyo software at annual fee of $105K consisting of $90K annual license fee and $15K annual maintenance | | 420,000 | 420,000 |
| Contracts | | | | |
| Other | | | | |
| Total Direct Charges | | 721,483 | 517,103 | 1,238,586 |
| Indirect Charges | | 753,894 | 107,277 | 861,171 |
| Total Charges | | 1,475,377 | 624,380 | 2,099,757 |

Project 2: State Broadband Capacity Building

Personnel

| Description | Federal | Matching | Total |
|---|---|---|---|
| Chief Scientist<br>Year 2: 600 hours<br>Year 3: 600 hours<br>Year 4: 150 hours<br>Year 5: 150 hours | 160,269 | | 160,269 |
| Senior Scientist<br>Year 2: 150 hours<br>Year 3: 150 hours<br>Year 4: 120 hours<br>Year 5: 120 hours | 47,661 | | 47,661 |
| Research Scientist<br>Year 2: 150 hours<br>Year 3: 150 hours<br>Year 4: 120 hours<br>Year 5: 120 hours | 39,678 | | 39,678 |
| Personnel Total | 247,608 | | 247,608 |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | 247,608 | | 247,608 |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs. | 42,859 | | 42,859 |
| Travel | Trips within New Jersey. 4 trips in Year 2; 4 trips in Year 3; 1 trip in Year 4 and 1 trip in Year 5; total of 10 trips at $118/trip. | 1,180 | | 1,180 |
| Equipment | | | | |
| Supplies | | | | |
| Contracts | | | | |
| Other | | | | |
| Total Direct Charges | | 291,647 | | 291,647 |
| Indirect Charges | | 312,763 | | 312,763 |
| Total Charges | | 604,410 | | 604,410 |

Project 3: Technical Assistance

Personnel

| Description | Federal | Matching | Total |
|---|---|---|---|
| Chief Scientist<br>Year 2: 100 hours<br>Year 3: 100 hours<br>Year 4: 422 hours<br>Year 5: 423 hours | 115,309 | | 115,309 |
| Senior Scientist<br>Year 4: 203 hours<br>Year 5: 203 hours | 36,890 | | 36,890 |
| Research Scientist<br>Year 4: 136 hours<br>Year 5: 134 hours | 20,421 | | 20,421 |
| Personnel Total | 172,620 | | 172,620 |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | 172,620 | | 172,620 |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs. | 29,880 | | 29,880 |
| Travel | Trips within New Jersey estimated. 12 trips in Year 4 and 12 trips in Year 5 for a total of 24 trips. Trip estimates based on two canonical destinations in New Jersey with 12 trips at $158/trip and 12 trips at $201/trip. | 4,308 | | 4,308 |
| Equipment | | | | |
| Supplies | | | | |
| Contracts | Contract of $40K in Year 4 and $40K in Year 5 to NJEDge.Net for support in delivering technical assistance to the higher education sector. NJEDge.Net providing $12K cost share in each year consisting of $10K in-kind labor and $2K support for meetings. | 80,000 | 24,000 | 104,000 |
| Other | | | | |
| Total Direct Charges | | 286,808 | 24,000 | 310,808 |
| Indirect Charges | | 221,239 | | 221,239 |
| Total Charges | | 508,047 | 24,000 | 532,047 |

Project 4: Local / Regional Technology Planning Teams

Personnel

| Description | Federal | Matching | Total |
|---|---|---|---|
| Chief Scientist<br>Year 2: 435 hours<br>Year 3: 434 hours<br>Year 4: 100 hours<br>Year 5: 100 hours | 114,136 | | 114,136 |
| Senior Scientist<br>Year 2: 209 hours<br>Year 3: 208 hours | 35,934 | | 35,934 |
| Research Scientist<br>Year 2: 138 hours<br>Year 3: 140 hours | 19,947 | | 19,947 |
| Personnel Total | 170,017 | | 170,017 |

| Category | Description | Federal | Matching | Total |
|---|---|---|---|---|
| Personnel | See Personnel Table Above | 170,017 | | 170,017 |
| Fringe | Fringe represents selected benefit expenses such as pensions, 401(k), savings plan, payroll taxes, and medical benefits. The fringe rate is applied to direct labor costs. | 29,430 | | 29,430 |
| Travel | Trips within New Jersey estimated. 8 trips in Year 2 and 8 trips in Year 3 for a total of 16 trips. Trip estimates based on two canonical destinations in New Jersey with 12 trips at $158/trip and 12 trips at $201/trip. Trips within New Jersey estimated at $50/trip. 8 trips in Year 2 and 8 trips in Year 3 for a total of $800. | 2,872 | | 2,872 |
| Equipment | | | | |
| Supplies | | | | |
| Contracts | Contract of $40K in Year 4 and $40K in Year 5 to NJEDge.Net for support for the planning team devoted to the higher education sector. NJEDge.Net providing $12K cost share in each year consisting of $10K in-kind labor and $2K support for meetings. | 80,000 | 24,000 | 104,000 |
| Other | | | | |
| Total Direct Charges | | 282,319 | 24,000 | 306,319 |
| Indirect Charges | | 217,700 | | 217,700 |
| Total Charges | | 500,019 | 24,000 | 524,019 |

## Telcordia Job Descriptions

### Research Scientist

**Telcordia Description:**

Possesses broad knowledge in one or more areas of telecommunications, IT and systems integration together with specialized knowledge in one or more specific areas. Plans and executes independent and original work on specific tasks associated with these areas. May have a Bachelors Degree and seven years of related experience or a Masters Degree and five years of related experience or a Doctorate and two years of related experience.

### Senior Scientist:

**Telcordia Description:**

Possesses broad knowledge in one or more areas of telecommunications, IT and systems integration together with specialized knowledge in one or more specific areas. Provides technical leadership in the pursuit of complex communications and related network technology projects. May have a Bachelors Degree and ten years of related experience or a Masters Degree and seven years of related experience or a Doctorate and five years of related experience.

### Chief Scientist:

**Telcordia Description Chief Scientist:**

Possesses extensive knowledge in one or more areas of telecommunications, IT and systems integration together with specialized and extensive knowledge in one or more specific areas. Provides active leadership and supervision to teams in the pursuit of innovative solutions to complex and often unstructured communications and related network technology projects. Acts as a project manager to integrate technical knowledge and project management methodologies to organize and direct resources to plan, execute and delivery complex projects. May have a Masters Degree and twelve years of related experience or a Doctorate and eight years of related experience.

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds Federal (c) | Estimated Unobligated Funds Non-Federal (d) | New or Revised Budget Federal (e) | New or Revised Budget Non-Federal (f) | New or Revised Budget Total (g) |
|---|---|---|---|---|---|---|
| 1. SBDD-Data Collectio | 11.558 | $ | $ | $ 1,500,433.00 | $ 974,380.00 | $ 2,474,813.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 1,500,433.00 | $ 974,380.00 | $ 2,474,813.00 |

## SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Federal | (2) Non-Federal | (3) | (4) | Total (5) |
|---|---|---|---|---|---|
| a. Personnel | $ | $ | $ | $ | $ 0.00 |
| b. Fringe Benefits | | | | | 0.00 |
| c. Travel | 25,056.00 | | | | 25,056.00 |
| d. Equipment | | | | | 0.00 |
| e. Supplies | | 350,000.00 | | | 350,000.00 |
| f. Contractual | 1,475,377.00 | 624,380.00 | | | 2,099,757.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 1,500,433.00 | 974,380.00 | 0.00 | 0.00 | 2,474,813.00 |
| j. Indirect Charges | | | | | 0.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 1,500,433.00 | $ 974,380.00 | $ 0.00 | $ 0.00 | $ 2,474,813.00 |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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## SECTION C - NON-FEDERAL RESOURCES

| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
|---|---|---|---|---|
| 8. SBDD-Data Collection, Integration, Verification and Display | $ 350,000.00 | $ | $ 624,380.00 | $ 974,380.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 350,000.00 | $ 0.00 | $ 624,380.00 | $ 974,380.00 |

## SECTION D - FORECASTED CASH NEEDS

| | Total for 1st Year | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter |
|---|---|---|---|---|---|
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
|---|---|---|---|---|
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16. SBDD-Data Collection, Integration, Verification and Display | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION F - OTHER BUDGET INFORMATION

| | |
|---|---|
| 21. Direct Charges:<br>$2,474,813 | 22. Indirect Charges:<br>$0 |
| 23. Remarks: | |

## INSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 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 (0348-0044), 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.**

**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 latter 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 Column (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 (1) 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.

**Line 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.

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds Federal (c) | Estimated Unobligated Funds Non-Federal (d) | New or Revised Budget Federal (e) | New or Revised Budget Non-Federal (f) | New or Revised Budget Total (g) |
|---|---|---|---|---|---|---|
| 1. SBDD-Data Collectio | 11.558 | $ | $ | $ 1,475,377.00 | $ 624,380.00 | $ 2,099,757.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 1,475,377.00 | $ 624,380.00 | $ 2,099,757.00 |

## SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Federal | (2) Non-Federal | (3) | | Total (5) |
|---|---|---|---|---|---|
| a. Personnel | $ 593,664.00 | $ 84,115.00 | $ | $ | $ 677,779.00 |
| b. Fringe Benefits | 102,763.00 | 12,988.00 | | | 115,751.00 |
| c. Travel | 25,056.00 | | | | 25,056.00 |
| d. Equipment | | | | | 0.00 |
| e. Supplies | | 420,000.00 | | | 420,000.00 |
| f. Contractual | | | | | 0.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 721,483.00 | 517,103.00 | 0.00 | 0.00 | 1,238,586.00 |
| j. Indirect Charges | 753,894.00 | 107,277.00 | | | 861,171.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 1,475,377.00 | $ 624,380.00 | $ 0.00 | $ 0.00 | $ 2,099,757.00 |
| | | | | | |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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Prescribed by OMB Circular A-102

| SECTION C - NON-FEDERAL RESOURCES | | | | |
|---|---|---|---|---|
| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
| 8. SBDD-Data Collection, Integration, Verification and Display | $ 624,380.00 | $ | $ | $ 624,380.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 624,380.00 | $ 0.00 | $ 0.00 | $ 624,380.00 |

| SECTION D - FORECASTED CASH NEEDS | | | | | |
|---|---|---|---|---|---|
| | **Total for 1st Year** | **1st Quarter** | **2nd Quarter** | **3rd Quarter** | **4th Quarter** |
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT | | | | |
|---|---|---|---|---|
| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16. SBDD-Data Collection, Integration, Verification and Display | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION F - OTHER BUDGET INFORMATION | |
|---|---|
| 21. Direct Charges: $1,238,586 | 22. Indirect Charges: $861,171 |
| 23. Remarks: | |

# INSTRUCTIONS FOR THE SF-424A

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**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 latter 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 Column (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 (1) 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.

**Line 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.

Data Collection, Integration, Verification and Display

| GRANTEE NAME: | (NJ) State of New Jersey Office of Information Technology |
|---|---|

**Directions: For exch 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 | 358286 | $358,286 |
| Fringe Benefits | 0 | 128983 | $128,983 |
| Travel | 0 | 0 | $0 |
| Equipment | 0 | 0 | $0 |
| Supplies | 0 | 0 | $0 |
| Subcontracts | 1,498,293 | 12304 | $1,510,597 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $1,498,293 | $499,573 | $1,997,866 |
| Total Indirect Costs | $0 | $0 | $0 |
| | | | |
| Total Costs | $1,498,293 | $499,573 | $1,997,866 |
| % Federal Share | 74.99% | | |
| % Applicant Share | | 25.01% | |

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 | 25,056 | 0 | $25,056 |
| Equipment | 0 | 0 | $0 |
| Supplies | 0 | 350000 | $350,000 |
| Subcontracts | 1,475,377 | 624380 | $2,099,757 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $1,500,433 | $974,380 | $2,474,813 |
| Total Indirect Costs | 0 | $0 | $0 |
| | | | |
| Total Costs | $1,500,433 | $974,380 | $2,474,813 |
| % Federal Share | 60.63% | | |
| % Applicant Share | | 39.37% | |

| (NJ) State of New Jersey Office of Information Technology | | Fed Request as % of total project cost: | | | | 60.63% |
|---|---|---|---|---|---|---|
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Labor Category 1 | 0 | 0 | 0 | 0 | $0 | |
| Labor Category 2 | 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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Fringe Benefits** | | | | | | |
| Labor Category 1 | 0 | 0 | 0 | 0 | $0 | |
| Labor Category 2 | 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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Travel** | | | | | | |
| *In-State* | 0 | 0 | 0 | 0 | $0 | |
| *Out-of-State* | 6,264 | 6,264 | 6,264 | 6,264 | $25,056 | |
| Total | 6,264 | 6,264 | 6,264 | 6,264 | $25,056 | 25,056 |
| **Equipment** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| Telcordia Technologies | 218,667 | 542,807 | 408,834 | 305,068 | $1,475,377 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 218,667 | 542,807 | 408,834 | 305,068 | $1,475,377 | 1,475,377 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Direct Costs | 224,931 | 549,071 | 415,098 | 311,332 | $1,500,433 | 1,500,433 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| Total Costs | 224,931 | 549,071 | 415,098 | 311,332 | $1,500,433 | |
| | | | | | | |

| (NJ) State of New Jersey Office of Information Technology | | | Match as % of total project cost: | | | 39.37% |
|---|---|---|---|---|---|---|
| | | | | | | |
| **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** | | | | | | |
| Value of NJ parcel data and related information | 350,000 | 0 | 0 | 0 | $350,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 350,000 | 0 | 0 | 0 | $350,000 | 350,000 |
| **Subcontracts** | | | | | | |
| Telcordia Technologies | 309,380 | 105,000 | 105,000 | 105,000 | $624,380 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 309,380 | 105,000 | 105,000 | 105,000 | $624,380 | 624,380 |
| *Construction* | *0* | *0* | *0* | *0* | *$0* | |
| **Other** | | | | | $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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 659,380 | 105,000 | 105,000 | 105,000 | $974,380 | 974,380 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| | | | | | | |
| Total Costs | 659,380 | 105,000 | 105,000 | 105,000 | $974,380 | |

Data Collection, Integration, Verification and Display

| GRANTEE NAME: | (NJ) Telcordia Technologies, Inc. |
|---|---|

**Directions: For exch 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 | 516,598 | 0 | $516,598 |
| Fringe Benefits | 89,424 | 0 | $89,424 |
| Travel | 12,986 | 0 | $12,986 |
| Equipment | 15,000 | 0 | $15,000 |
| Supplies | 25,000 | 0 | $25,000 |
| Subcontracts | 177,850 | 0 | $177,850 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $836,858 | $0 | $836,858 |
| Total Indirect Costs | $661,435 | $0 | $661,435 |
| | | | |
| Total Costs | $1,498,293 | $0 | $1,498,293 |
| % Federal Share | 100.00% | | |
| % Applicant Share | | 0.00% | |

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

| REQUESTED BUDGET | Federal | Match | Total |
|---|---|---|---|
| Personnel Salaries | $593,664 | 84,115 | $677,779 |
| Fringe Benefits | $102,763 | 12988 | $115,751 |
| Travel | 25,056 | 0 | $25,056 |
| Equipment | 0 | 0 | $0 |
| Supplies | 0 | 420000 | $420,000 |
| Subcontracts | 0 | 0 | $0 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $721,483 | $517,103 | $1,238,586 |
| Total Indirect Costs | 753,894 | $107,277 | $861,171 |
| | | | |
| Total Costs | $1,475,377 | $624,380 | $2,099,757 |
| % Federal Share | 70.26% | | |
| % Applicant Share | | 29.74% | |

| (NJ) Telcordia Technologies, Inc. | | Fed Request as % of total project cost: | | | | 70.26% |
|---|---|---|---|---|---|---|
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Chief Scientist | 12,795 | 22,778 | 18,064 | 9,244 | $62,881 | |
| Senior Scientist | 52,970 | 128,255 | 102,738 | 69,215 | $353,178 | |
| Research Scientist | 20,987 | 68,813 | 44,035 | 43,770 | $177,605 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 86,752 | 219,846 | 164,837 | 122,229 | $593,664 | 593,664 |
| **Fringe Benefits** | | | | | | |
| Chief Scientist | 2,215 | 3,943 | 3,126 | 1,601 | $10,885 | |
| Senior Scientist | 9,169 | 22,201 | 17,783 | 11,981 | $61,134 | |
| Research Scientist | 3,633 | 11,912 | 7,623 | 7,576 | $30,744 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 15,017 | 38,056 | 28,532 | 21,158 | $102,763 | 102,763 |
| **Travel** | | | | | | |
| *In-State* | 0 | 0 | 0 | 0 | $0 | |
| *Out-of-State* | 6,264 | 6,264 | 6,264 | 6,264 | $25,056 | |
| Total | 6,264 | 6,264 | 6,264 | 6,264 | $25,056 | 25,056 |
| **Equipment** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| Contractor for data collection, analysis | 0 | 0 | 0 | 0 | $0 | |
| Website Development | 0 | 0 | 0 | 0 | $0 | |
| One-time data migration contract | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Direct Costs | 108,033 | 264,166 | 199,633 | 149,651 | $721,483 | 721,483 |
| Total Indirect Costs | 110634.15 | 278641.15 | 209201.15 | 155417.15 | $753,894 | |
| Total Costs | 218,667 | 542,807 | 408,834 | 305,068 | $1,475,377 | |
| | | | | | | |

| (NJ) Telcordia Technologies, Inc. | | | Match as % of total project cost: | | | 29.74% |
|---|---|---|---|---|---|---|
| **PROPOSED MATCH FOR NEW FEDERAL FUND REQUEST** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Senior Scientist | 19,668 | 0 | 0 | 0 | $19,668 | |
| Research Scientist | 64,447 | 0 | 0 | 0 | $64,447 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 84,115 | 0 | 0 | 0 | $84,115 | 84,115 |
| **Fringe Benefits (@ XX%)** | | | | | | |
| Senior Scientist | 3,037 | 0 | 0 | 0 | $3,037 | |
| Research Scientist | 9,951 | 0 | 0 | 0 | $9,951 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 12,988 | 0 | 0 | 0 | $12,988 | 12,988 |
| **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** | | | | | | |
| Arroyo License Annual Fee | 105,000 | 105,000 | 105,000 | 105,000 | $420,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 105,000 | 105,000 | 105,000 | 105,000 | $420,000 | 420,000 |
| **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 | |
| | 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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 202,103 | 105,000 | 105,000 | 105,000 | $517,103 | 517,103 |
| Total Indirect Costs | 107,277 | 0 | 0 | 0 | $107,277 | |
| | | | | | | |
| Total Costs | 309,380 | 105,000 | 105,000 | 105,000 | $624,380 | |

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds Federal (c) | Estimated Unobligated Funds Non-Federal (d) | New or Revised Budget Federal (e) | New or Revised Budget Non-Federal (f) | New or Revised Budget Total (g) |
|---|---|---|---|---|---|---|
| 1. SBDD-State Broadb | 11.558 | $ | $ | $ 1,027,369.00 | $ 0.00 | $ 1,027,369.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 1,027,369.00 | $ 0.00 | $ 1,027,369.00 |

## SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Federal | (2) Non-Federal | (3) | | Total (5) |
|---|---|---|---|---|---|
| a. Personnel | $ 312,800.00 | $ | $ | $ | $ 312,800.00 |
| b. Fringe Benefits | 108,979.00 | | | | 108,979.00 |
| c. Travel | 1,180.00 | | | | 1,180.00 |
| d. Equipment | | | | | 0.00 |
| e. Supplies | | | | | 0.00 |
| f. Contractual | 604,410.00 | | | | 604,410.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 1,027,369.00 | 0.00 | 0.00 | 0.00 | 1,027,369.00 |
| j. Indirect Charges | | | | | 0.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 1,027,369.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 1,027,369.00 |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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**Previous Edition Usable**

Standard Form 424A (Rev. 7-97)
Prescribed by OMB Circular A-102

## SECTION C - NON-FEDERAL RESOURCES

| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
|---|---|---|---|---|
| 8. SBDD-State Broadband Capacity Building | $ | $ | $ | $ 0.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION D - FORECASTED CASH NEEDS

| | Total for 1st Year | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter |
|---|---|---|---|---|---|
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
|---|---|---|---|---|
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16. SBDD-State Broadband Capacity Building | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION F - OTHER BUDGET INFORMATION

| 21. Direct Charges: | 22. Indirect Charges: |
|---|---|
| $1,027,369 | $0 |

23. Remarks:

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# INSTRUCTIONS FOR THE SF-424A



**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 latter 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 Column (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 (1) 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.

**Line 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.

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds Federal (c) | Estimated Unobligated Funds Non-Federal (d) | New or Revised Budget Federal (e) | New or Revised Budget Non-Federal (f) | New or Revised Budget Total (g) |
|---|---|---|---|---|---|---|
| 1. SBDD-State Broadba | 11.558 | $ | $ | $ 604,410.00 | $ | $ 604,410.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 604,410.00 | $ 0.00 | $ 604,410.00 |

## SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Federal | (2) Non-Federal | (3) | | Total (5) |
|---|---|---|---|---|---|
| a. Personnel | $ 247,608.00 | $ | $ | $ | $ 247,608.00 |
| b. Fringe Benefits | 42,859.00 | | | | 42,859.00 |
| c. Travel | 1,180.00 | | | | 1,180.00 |
| d. Equipment | | | | | 0.00 |
| e. Supplies | | | | | 0.00 |
| f. Contractual | | | | | 0.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 291,647.00 | 0.00 | 0.00 | 0.00 | 291,647.00 |
| j. Indirect Charges | 312,763.00 | | | | 312,763.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 604,410.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 604,410.00 |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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**Previous Edition Usable**

Standard Form 424A (Rev. 7-97)
Prescribed by OMB Circular A-102

## SECTION C - NON-FEDERAL RESOURCES

| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
|---|---|---|---|---|
| 8. SBDD-State Broadband Capacity Building | $ | $ | $ | $ 0.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION D - FORECASTED CASH NEEDS

| | Total for 1st Year | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter |
|---|---|---|---|---|---|
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
|---|---|---|---|---|
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16. SBDD-State Broadband Capacity Building | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

## SECTION F - OTHER BUDGET INFORMATION

| 21. Direct Charges: | 22. Indirect Charges: |
|---|---|
| $291,647 | $312,763 |

23. Remarks:

## INSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 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 (0348-0044), 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.**

**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 latter 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 Column (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 (1) 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.

**Line 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.

State Broadband Capacity Building

| GRANTEE NAME: | (NJ) State of New Jersey Office of Information Technology |
|---|---|

Directions: For exch 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 | 0 | 0 | $0 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $0 | $0 | $0 |
| Total Indirect Costs | $0 | $0 | $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 | $312,800 | 0 | $312,800 |
| Fringe Benefits | $108,980 | 0 | $108,980 |
| Travel | 1,180 | 0 | $1,180 |
| Equipment | 0 | 0 | $0 |
| Supplies | 0 | 0 | $0 |
| Subcontracts | 604,410 | 0 | $604,410 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $1,027,369 | $0 | $1,027,369 |
| Total Indirect Costs | 0 | $0 | $0 |
| | | | |
| Total Costs | $1,027,369 | $0 | $1,027,369 |
| % Federal Share | 100.00% | | |
| % Applicant Share | | 0.00% | |

| (NJ) State of New Jersey Office of Information Technology | | Fed Request as % of total project cost: | | | | 100.00% |
|---|---|---|---|---|---|---|
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Labor Category 1 | 31,400 | 31,400 | 20,000 | 20,000 | $102,800 | |
| Labor Category 2 | 70,000 | 70,000 | 35,000 | 35,000 | $210,000 | |
| | 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 | |
| Total | 101,400 | 101,400 | 55,000 | 55,000 | $312,800 | 312,800 |
| **Fringe Benefits** | | | | | | |
| Labor Category 1 | 10,940 | 10,940 | 6,968 | 6,968 | $35,816 | |
| Labor Category 2 | 24,388 | 24,388 | 12,194 | 12,194 | $73,164 | |
| | 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 | |
| Total | 35,328 | 35,328 | 19,162 | 19,162 | $108,980 | 108,980 |
| **Travel** | | | | | | |
| *In-State* | 472 | 472 | 118 | 118 | $1,180 | |
| *Out-of-State* | 0 | 0 | 0 | 0 | $0 | |
| Total | 472 | 472 | 118 | 118 | $1,180 | 1,180 |
| **Equipment** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| Telcordia Technologies | 210,198 | 215,189 | 88,473 | 90,549 | $604,410 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 210,198 | 215,189 | 88,473 | 90,549 | $604,410 | 604,410 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Direct Costs | 347,398 | 352,389 | 162,753 | 164,829 | $1,027,369 | 1,027,369 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| Total Costs | 347,398 | 352,389 | 162,753 | 164,829 | $1,027,369 | |

| (NJ) State of New Jersey Office of Information Technology | | | Match as % of total project cost: | | | 0.00% |
|---|---|---|---|---|---|---|
| **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 | |
| | 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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| | | | | | | |
| Total Costs | 0 | 0 | 0 | 0 | $0 | |

State Broadband Capacity Building

| GRANTEE NAME: | (NJ) Telcordia Technologies, Inc. |
|---|---|

**Directions: For exch 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** | 0 | 0 | $0 |
| *Construction* | *0* | *0* | *0* |
| **Other** | 0 | 0 | $0 |
| **Total Direct Costs** | $0 | $0 | $0 |
| **Total Indirect Costs** | $0 | $0 | $0 |
| | | | |
| **Total Costs** | **$0** | **$0** | **$0** |
| **% Federal Share** | **#DIV/0!** | | |
| **% Applicant Share** | | **#DIV/0!** | |

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

| REQUESTED BUDGET | Federal | Match | Total |
|---|---|---|---|
| **Personnel Salaries** | $247,608 | 0 | $247,608 |
| **Fringe Benefits** | $42,859 | 0 | $42,859 |
| **Travel** | 1,180 | 0 | $1,180 |
| **Equipment** | 0 | 0 | $0 |
| **Supplies** | 0 | 0 | $0 |
| **Subcontracts** | 0 | 0 | $0 |
| *Construction* | *0* | *0* | *0* |
| **Other** | 0 | 0 | $0 |
| **Total Direct Costs** | $291,647 | $0 | $291,647 |
| **Total Indirect Costs** | 312,763 | $0 | $312,763 |
| | | | |
| **Total Costs** | **$604,410** | **$0** | **$604,410** |
| **% Federal Share** | **100.00%** | | |
| **% Applicant Share** | | **0.00%** | |

| (NJ) Telcordia Technologies, Inc. | | Fed Request as % of total project cost: | | | | 100.00% |
|---|---|---|---|---|---|---|
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Chief Scientist | 62,673 | 64,163 | 16,522 | 16,911 | $160,269 | |
| Senior Scientist | 12,774 | 13,079 | 10,777 | 11,031 | $47,661 | |
| Research Scientist | 10,635 | 10,889 | 8,972 | 9,182 | $39,678 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 86,082 | 88,131 | 36,271 | 37,124 | $247,608 | 247,608 |
| **Fringe Benefits** | | | | | | |
| Chief Scientist | 10,848 | 11,106 | 2,860 | 2,927 | $27,741 | |
| Senior Scientist | 2,211 | 2,264 | 1,866 | 1,910 | $8,251 | |
| Research Scientist | 1,840 | 1,885 | 1,553 | 1,589 | $6,867 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 14,899 | 15,255 | 6,279 | 6,426 | $42,859 | 42,859 |
| **Travel** | | | | | | |
| *In-State* | 472 | 472 | 118 | 118 | $1,180 | |
| *Out-of-State* | 0 | 0 | 0 | 0 | $0 | |
| Total | 472 | 472 | 118 | 118 | $1,180 | 1,180 |
| **Equipment** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| Contractor for data collection, analysis | 0 | 0 | 0 | 0 | $0 | |
| Website Development | 0 | 0 | 0 | 0 | $0 | |
| One-time data migration contract | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Direct Costs | 101,453 | 103,858 | 42,668 | 43,668 | $291,647 | 291,647 |
| Total Indirect Costs | 108745.01 | 111331.01 | 45805.25 | 46881.25 | $312,763 | |
| Total Costs | 210,198 | 215,189 | 88,473 | 90,549 | $604,410 | |

| (NJ) Telcordia Technologies, Inc. | | Match as % of total project cost: | | | | 0.00% |
|---|---|---|---|---|---|---|
| | | | | | | |
| 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 | |
| | 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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| | | | | | | |
| Total Costs | 0 | 0 | 0 | 0 | $0 | |

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds Federal (c) | Estimated Unobligated Funds Non-Federal (d) | New or Revised Budget Federal (e) | New or Revised Budget Non-Federal (f) | New or Revised Budget Total (g) |
|---|---|---|---|---|---|---|
| 1. SBDD-Technical Ass | 11.558 | $ | $ | $ 790,665.00 | $ 24,000.00 | $ 814,665.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 790,665.00 | $ 24,000.00 | $ 814,665.00 |

## SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Federal | (2) Non-Federal | (3) | | Total (5) |
|---|---|---|---|---|---|
| a. Personnel | $ 206,400.00 | $ | $ | $ | $ 206,400.00 |
| b. Fringe Benefits | 71,910.00 | | | | 71,910.00 |
| c. Travel | 4,308.00 | | | | 4,308.00 |
| d. Equipment | | | | | 0.00 |
| e. Supplies | | | | | 0.00 |
| f. Contractual | 508,047.00 | 24,000.00 | | | 532,047.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 790,665.00 | 24,000.00 | 0.00 | 0.00 | 814,665.00 |
| j. Indirect Charges | | | | | 0.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 790,665.00 | $ 24,000.00 | $ 0.00 | $ 0.00 | $ 814,665.00 |
| | | | | | |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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| SECTION C - NON-FEDERAL RESOURCES | | | | |
|---|---|---|---|---|
| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
| 8. SBDD-Technical Assistance | $ | $ | $ 24,000.00 | $ 24,000.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 0.00 | $ 0.00 | $ 24,000.00 | $ 24,000.00 |

| SECTION D - FORECASTED CASH NEEDS | | | | | |
|---|---|---|---|---|---|
| | **Total for 1st Year** | **1st Quarter** | **2nd Quarter** | **3rd Quarter** | **4th Quarter** |
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT | | | | |
|---|---|---|---|---|
| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16. SBDD-Technical Assistance | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION F - OTHER BUDGET INFORMATION | |
|---|---|
| 21. Direct Charges:<br>$814,665 | 22. Indirect Charges:<br>$0 |
| 23. Remarks: | |

# INSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 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 (0348-0044), 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.**

**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 latter 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 Column (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 (1) 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.

**Line 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.

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds Federal (c) | Estimated Unobligated Funds Non-Federal (d) | New or Revised Budget Federal (e) | New or Revised Budget Non-Federal (f) | New or Revised Budget Total (g) |
|---|---|---|---|---|---|---|
| 1. SBDD-Technical Ass | 11.558 | $ | $ | $ 508,047.00 | $ 24,000.00 | $ 532,047.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 508,047.00 | $ 24,000.00 | $ 532,047.00 |

## SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Federal | (2) Non-Federal | (3) | | Total (5) |
|---|---|---|---|---|---|
| a. Personnel | $ 172,620.00 | $ | $ | $ | $ 172,620.00 |
| b. Fringe Benefits | 29,880.00 | | | | 29,880.00 |
| c. Travel | 4,308.00 | | | | 4,308.00 |
| d. Equipment | | | | | 0.00 |
| e. Supplies | | | | | 0.00 |
| f. Contractual | 80,000.00 | 24,000.00 | | | 104,000.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 286,808.00 | 24,000.00 | 0.00 | 0.00 | 310,808.00 |
| j. Indirect Charges | 221,239.00 | | | | 221,239.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 508,047.00 | $ 24,000.00 | $ 0.00 | $ 0.00 | $ 532,047.00 |
| | | | | | |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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| SECTION C - NON-FEDERAL RESOURCES | | | | |
|---|---|---|---|---|
| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
| 8. SBDD-Technical Assistance | $ | $ | $ 24,000.00 | $ 24,000.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 0.00 | $ 0.00 | $ 24,000.00 | $ 24,000.00 |

| SECTION D - FORECASTED CASH NEEDS | | | | | |
|---|---|---|---|---|---|
| | **Total for 1st Year** | **1st Quarter** | **2nd Quarter** | **3rd Quarter** | **4th Quarter** |
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT | | | | |
|---|---|---|---|---|
| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16.SBDD-Technical Assistance | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION F - OTHER BUDGET INFORMATION | |
|---|---|
| 21. Direct Charges: $310,808 | 22. Indirect Charges: $221,239 |
| 23. Remarks: | |

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## INSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 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 (0348-0044), 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.**

### 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 latter 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 Column (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 (1) 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.

**Line 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.

Technical Assistance

| GRANTEE NAME: | (NJ) State of New Jersey Office of Information Technology |
|---|---|

**Directions: For exch 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 | 0 | 0 | $0 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $0 | $0 | $0 |
| Total Indirect Costs | $0 | $0 | $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 | $206,400 | 0 | $206,400 |
| Fringe Benefits | $71,910 | 0 | $71,910 |
| Travel | 4,308 | 0 | $4,308 |
| Equipment | 0 | 0 | $0 |
| Supplies | 0 | 0 | $0 |
| Subcontracts | 508,047 | 24000 | $532,047 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $790,665 | $24,000 | $814,665 |
| Total Indirect Costs | 0 | $0 | $0 |
| | | | |
| Total Costs | $790,665 | $24,000 | $814,665 |
| % Federal Share | 97.05% | | |
| % Applicant Share | | 2.95% | |

| (NJ) State of New Jersey Office of Information Technology | | Fed Request as % of total project cost: | | | | 97.05% |
|---|---|---|---|---|---|---|
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Labor Category 1 | 0 | 0 | 5,700 | 5,700 | $11,400 | |
| Labor Category 2 | 17,500 | 17,500 | 80,000 | 80,000 | $195,000 | |
| | 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 | |
| Total | 17,500 | 17,500 | 85,700 | 85,700 | $206,400 | 206,400 |
| **Fringe Benefits** | | | | | | |
| Labor Category 1 | 0 | 0 | 1,986 | 1,986 | $3,972 | |
| Labor Category 2 | 6,097 | 6,097 | 27,872 | 27,872 | $67,938 | |
| | 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 | |
| Total | 6,097 | 6,097 | 29,858 | 29,858 | $71,910 | 71,910 |
| **Travel** | | | | | | |
| *In-State* | 0 | 0 | 2,154 | 2,154 | $4,308 | |
| *Out-of-State* | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 2,154 | 2,154 | $4,308 | 4,308 |
| **Equipment** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| Telcordia Technologies | 25,437 | 26,044 | 226,191 | 230,375 | $508,047 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 25,437 | 26,044 | 226,191 | 230,375 | $508,047 | 508,047 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Direct Costs | 49,034 | 49,641 | 343,903 | 348,087 | $790,665 | 790,665 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| Total Costs | 49,034 | 49,641 | 343,903 | 348,087 | $790,665 | |
| | | | | | | |

| (NJ) State of New Jersey Office of Information Technology | | | Match as % of total project cost: | | | 2.95% |
|---|---|---|---|---|---|---|
| | | | | | | |
| **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** | | | | | | |
| Telcordia Technologies | 0 | 0 | 12,000 | 12,000 | $24,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 12,000 | 12,000 | $24,000 | 24,000 |
| *Construction* | *0* | *0* | *0* | *0* | *$0* | |
| **Other** | | | | | $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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 0 | 0 | 12,000 | 12,000 | $24,000 | 24,000 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| | | | | | | |
| Total Costs | 0 | 0 | 12,000 | 12,000 | $24,000 | |

Technical Assistance

| GRANTEE NAME: | (NJ) Telcordia Technologies, Inc. |
|---|---|

**Directions: For exch 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** | 0 | 0 | $0 |
| *Construction* | 0 | 0 | 0 |
| **Other** | 0 | 0 | $0 |
| **Total Direct Costs** | $0 | $0 | $0 |
| **Total Indirect Costs** | $0 | $0 | $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** | $172,620 | 0 | $172,620 |
| **Fringe Benefits** | $29,880 | 0 | $29,880 |
| **Travel** | 4,308 | 0 | $4,308 |
| **Equipment** | 0 | 0 | $0 |
| **Supplies** | 0 | 0 | $0 |
| **Subcontracts** | 80,000 | 24000 | $104,000 |
| *Construction* | *0* | *0* | *0* |
| **Other** | 0 | 0 | $0 |
| **Total Direct Costs** | $286,808 | $24,000 | $310,808 |
| **Total Indirect Costs** | 221,239 | $0 | $221,239 |
| | | | |
| **Total Costs** | **$508,047** | **$24,000** | **$532,047** |
| **% Federal Share** | 95.49% | | |
| **% Applicant Share** | | 4.51% | |

| (NJ) Telcordia Technologies, Inc. | | Fed Request as % of total project cost: | | | | 95.49% |
|---|---|---|---|---|---|---|
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Chief Scientist | 10,445 | 10,694 | 46,482 | 47,688 | $115,309 | |
| Senior Scientist | 0 | 0 | 18,231 | 18,659 | $36,890 | |
| Research Scientist | 0 | 0 | 10,168 | 10,253 | $20,421 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 10,445 | 10,694 | 74,881 | 76,600 | $172,620 | 172,620 |
| **Fringe Benefits** | | | | | | |
| Chief Scientist | 1,808 | 1,851 | 8,046 | 8,255 | $19,960 | |
| Senior Scientist | 0 | 0 | 3,156 | 3,230 | $6,386 | |
| Research Scientist | 0 | 0 | 1,760 | 1,774 | $3,534 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 1,808 | 1,851 | 12,962 | 13,259 | $29,880 | 29,880 |
| **Travel** | | | | | | |
| *In-State* | 0 | 0 | 2,154 | 2,154 | $4,308 | |
| *Out-of-State* | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 2,154 | 2,154 | $4,308 | 4,308 |
| **Equipment** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| NJEdge | 0 | 0 | 40,000 | 40,000 | $80,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 40,000 | 40,000 | $80,000 | 80,000 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Direct Costs | 12,253 | 12,545 | 129,997 | 132,013 | $286,808 | 286,808 |
| Total Indirect Costs | 13184 | 13499 | 96193.88 | 98361.88 | $221,239 | |
| Total Costs | 25,437 | 26,044 | 226,191 | 230,375 | $508,047 | |

| (NJ) Telcordia Technologies, Inc. | | | Match as % of total project cost: | | | 4.51% |
|---|---|---|---|---|---|---|
| **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** | | | | | | |
| NJEdge | 0 | 0 | 12,000 | 12,000 | $24,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 12,000 | 12,000 | $24,000 | 24,000 |
| *Construction* | 0 | 0 | 0 | 0 | $0 | |
| **Other** | | | | | $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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 0 | 0 | 12,000 | 12,000 | $24,000 | 24,000 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| | | | | | | |
| Total Costs | 0 | 0 | 12,000 | 12,000 | $24,000 | |

## BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

### SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds | | New or Revised Budget | | |
|---|---|---|---|---|---|---|
| | | Federal (c) | Non-Federal (d) | Federal (e) | Non-Federal (f) | Total (g) |
| 1. SBDD-Local/Regiona | 11.558 | $ | $ | $ 770,329.00 | $ 24,000.00 | $ 794,329.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 770,329.00 | $ 24,000.00 | $ 794,329.00 |

### SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY | | | | Total |
|---|---|---|---|---|---|
| | (1) Federal | (2) Non-Federal | (3) | | (5) |
| a. Personnel | $ 195,000.00 | $ | $ | $ | $ 195,000.00 |
| b. Fringe Benefits | 67,938.00 | | | | 67,938.00 |
| c. Travel | 2,872.00 | | | | 2,872.00 |
| d. Equipment | 4,500.00 | | | | 4,500.00 |
| e. Supplies | | | | | 0.00 |
| f. Contractual | 500,019.00 | 24,000.00 | | | 524,019.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 770,329.00 | 24,000.00 | 0.00 | 0.00 | 794,329.00 |
| j. Indirect Charges | | | | | 0.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 770,329.00 | $ 24,000.00 | $ 0.00 | $ 0.00 | $ 794,329.00 |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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Standard Form 424A (Rev. 7-97)
Prescribed by OMB Circular A-102

**Previous Edition Usable**

| SECTION C - NON-FEDERAL RESOURCES | | | | |
|---|---|---|---|---|
| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
| 8. SBDD-Local/Regional Technology Planning Teams | $ | $ | $ 24,000.00 | $ 24,000.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 0.00 | $ 0.00 | $ 24,000.00 | $ 24,000.00 |

| SECTION D - FORECASTED CASH NEEDS | | | | | |
|---|---|---|---|---|---|
| | **Total for 1st Year** | **1st Quarter** | **2nd Quarter** | **3rd Quarter** | **4th Quarter** |
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT | | | | |
|---|---|---|---|---|
| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16. SBDD-Local/Regional Technology Planning Teams | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION F - OTHER BUDGET INFORMATION | |
|---|---|
| 21. Direct Charges:<br>$794,329 | 22. Indirect Charges:<br>$0 |
| 23. Remarks: | |

**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 latter 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 Column (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 (1) 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.

**Line 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.

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## SECTION A - BUDGET SUMMARY

| Grant Program Function or Activity (a) | Catalog of Federal Domestic Assistance Number (b) | Estimated Unobligated Funds: Federal (c) | Estimated Unobligated Funds: Non-Federal (d) | New or Revised Budget: Federal (e) | New or Revised Budget: Non-Federal (f) | New or Revised Budget: Total (g) |
|---|---|---|---|---|---|---|
| 1. SBDD-Local/Regiona | | $ | $ | $ 500,019.00 | $ 24,000.00 | $ 524,019.00 |
| 2. | | | | | | 0.00 |
| 3. | | | | | | 0.00 |
| 4. | | | | | | 0.00 |
| 5. Totals | | $ 0.00 | $ 0.00 | $ 500,019.00 | $ 24,000.00 | $ 524,019.00 |

## SECTION B - BUDGET CATEGORIES

| 6. Object Class Categories | GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Federal | (2) Non-Federal | (3) | (4) | Total (5) |
|---|---|---|---|---|---|
| a. Personnel | $ 170,017.00 | $ | $ | $ | $ 170,017.00 |
| b. Fringe Benefits | 29,430.00 | | | | 29,430.00 |
| c. Travel | 2,872.00 | | | | 2,872.00 |
| d. Equipment | | | | | 0.00 |
| e. Supplies | | | | | 0.00 |
| f. Contractual | 80,000.00 | 24,000.00 | | | 104,000.00 |
| g. Construction | | | | | 0.00 |
| h. Other | | | | | 0.00 |
| i. Total Direct Charges *(sum of 6a-6h)* | 282,319.00 | 24,000.00 | 0.00 | 0.00 | 306,319.00 |
| j. Indirect Charges | 217,700.00 | | | | 217,700.00 |
| k. TOTALS *(sum of 6i and 6j)* | $ 500,019.00 | $ 24,000.00 | $ 0.00 | $ 0.00 | $ 524,019.00 |
| | | | | | |
| 7. Program Income | $ | $ | $ | $ | $ 0.00 |

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| SECTION C - NON-FEDERAL RESOURCES | | | | |
|---|---|---|---|---|
| (a) Grant Program | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
| 8. SBDD-Local/Regional Technology Planning Teams | $ | $ | $ 24,000.00 | $ 24,000.00 |
| 9. | | | | 0.00 |
| 10. | | | | 0.00 |
| 11. | | | | 0.00 |
| 12. TOTAL *(sum of lines 8-11)* | $ 0.00 | $ 0.00 | $ 24,000.00 | $ 24,000.00 |

| SECTION D - FORECASTED CASH NEEDS | | | | | |
|---|---|---|---|---|---|
| | **Total for 1st Year** | **1st Quarter** | **2nd Quarter** | **3rd Quarter** | **4th Quarter** |
| 13. Federal | $ 0.00 | $ | $ | $ | $ |
| 14. Non-Federal | 0.00 | | | | |
| 15. TOTAL *(sum of lines 13 and 14)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT | | | | |
|---|---|---|---|---|
| (a) Grant Program | FUTURE FUNDING PERIODS (Years) | | | |
| | (b) First | (c) Second | (d) Third | (e) Fourth |
| 16.SBDD-Local/Regional Technology Planning Teams | $ | $ | $ | $ |
| 17. | | | | |
| 18. | | | | |
| 19. | | | | |
| 20. TOTAL *(sum of lines 16-19)* | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |

| SECTION F - OTHER BUDGET INFORMATION | |
|---|---|
| 21. Direct Charges:<br>$306,319 | 22. Indirect Charges:<br>$217,700 |
| 23. Remarks: | |

**Authorized for Local Reproduction**

## .NSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 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 (0348-0044), 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.**

**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 latter 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 Column (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 (1) 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.

**Line 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.

Local/Regional Technology Planning Teams

| GRANTEE NAME: | (NJ) State of New Jersey Office of Information Technology |
|---|---|

Directions: For exch 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 | 0 | 0 | $0 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $0 | $0 | $0 |
| Total Indirect Costs | $0 | $0 | $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 | $195,000 | 0 | $195,000 |
| Fringe Benefits | $67,938 | 0 | $67,938 |
| Travel | 2,872 | 0 | $2,872 |
| Equipment | 4,500 | 0 | $4,500 |
| Supplies | 0 | 0 | $0 |
| Subcontracts | 500,019 | 24000 | $524,019 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $770,329 | $24,000 | $794,329 |
| Total Indirect Costs | 0 | $0 | $0 |
| | | | |
| Total Costs | $770,329 | $24,000 | $794,329 |
| % Federal Share | 96.98% | | |
| % Applicant Share | | 3.02% | |

| (NJ) State of New Jersey Office of Information Technology | | Fed Request as % of total project cost: | | | | 96.98% |
|---|---|---|---|---|---|---|
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Labor Category 1 | 0 | 0 | 0 | 0 | $0 | |
| Labor Category 2 | 80,000 | 80,000 | 17,500 | 17,500 | $195,000 | |
| | 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 | |
| **Total** | 80,000 | 80,000 | 17,500 | 17,500 | $195,000 | 195,000 |
| **Fringe Benefits** | | | | | | |
| Labor Category 1 | 0 | 0 | 0 | 0 | $0 | |
| Labor Category 2 | 27,872 | 27,872 | 6,097 | 6,097 | $67,938 | |
| | 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 | |
| **Total** | 27,872 | 27,872 | 6,097 | 6,097 | $67,938 | 67,938 |
| **Travel** | | | | | | |
| *In-State* | 1,436 | 1,436 | 0 | 0 | $2,872 | |
| *Out-of-State* | 0 | 0 | 0 | 0 | $0 | |
| **Total** | 1,436 | 1,436 | 0 | 0 | $2,872 | 2,872 |
| **Equipment** | | | | | | |
| 1 laptop, 1 projector, and misc consumables | 3,000 | 500 | 500 | 500 | $4,500 | |
| | | | | | $0 | |
| | | | | | $0 | |
| **Total** | 3,000 | 500 | 500 | 500 | $4,500 | 4,500 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| **Total** | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| Telcordia Technologies | 220,811 | 224,928 | 26,827 | 27,454 | $500,019 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| **Total** | 220,811 | 224,928 | 26,827 | 27,454 | $500,019 | 500,019 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| **Total** | 0 | 0 | 0 | 0 | $0 | 0 |
| **Total Direct Costs** | 333,119 | 334,736 | 50,924 | 51,551 | $770,329 | 770,329 |
| **Total Indirect Costs** | 0 | 0 | 0 | 0 | $0 | |
| **Total Costs** | 333,119 | 334,736 | 50,924 | 51,551 | $770,329 | |
| | | | | | | |

| (NJ) State of New Jersey Office of Information Technology | | | Match as % of total project cost: | | | 3.02% |
|---|---|---|---|---|---|---|
| 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** | | | | | | |
| Telcordia Technologies | 12,000 | 12,000 | 0 | 0 | $24,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 12,000 | 12,000 | 0 | 0 | $24,000 | 24,000 |
| *Construction* | 0 | 0 | 0 | 0 | $0 | |
| **Other** | | | | | $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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 12,000 | 12,000 | 0 | 0 | $24,000 | 24,000 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| | | | | | | |
| Total Costs | 12,000 | 12,000 | 0 | 0 | $24,000 | |

Local/Regional Technology Planning Teams

| GRANTEE NAME: | (NJ) Telcordia Technologies, Inc. |
|---|---|

Directions: For exch 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 | 0 | 0 | $0 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $0 | $0 | $0 |
| Total Indirect Costs | $0 | $0 | $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 | $170,017 | 0 | $170,017 |
| Fringe Benefits | $29,430 | 0 | $29,430 |
| Travel | 2,872 | 0 | $2,872 |
| Equipment | 0 | 0 | $0 |
| Supplies | 0 | 0 | $0 |
| Subcontracts | 80,000 | 24000 | $104,000 |
| *Construction* | *0* | *0* | *0* |
| Other | 0 | 0 | $0 |
| Total Direct Costs | $282,319 | $24,000 | $306,319 |
| Total Indirect Costs | 217,700 | $0 | $217,700 |
| | | | |
| Total Costs | $500,019 | $24,000 | $524,019 |
| % Federal Share | 95.42% | | |
| % Applicant Share | | 4.58% | |

| (NJ) Telcordia Technologies, Inc. | | Fed Request as % of total project cost: | | | | 95.42% |
|---|---|---|---|---|---|---|
| | | | | | | |
| **NEW FEDERAL REQUEST ONLY** | **Project Yr 2** | **Project Yr 3** | **Project Yr 4** | **Project Yr 5** | **Total** | |
| **Personnel Salaries** | | | | | | |
| Chief Scientist | 45,437 | 46,411 | 11,015 | 11,273 | $114,136 | |
| Senior Scientist | 17,798 | 18,136 | 0 | 0 | $35,934 | |
| Research Scientist | 9,785 | 10,162 | 0 | 0 | $19,947 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 73,020 | 74,709 | 11,015 | 11,273 | $170,017 | 170,017 |
| **Fringe Benefits** | | | | | | |
| Chief Scientist | 7,865 | 8,034 | 1,907 | 1,951 | $19,757 | |
| Senior Scientist | 3,080 | 3,140 | 0 | 0 | $6,220 | |
| Research Scientist | 1,694 | 1,759 | 0 | 0 | $3,453 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 12,639 | 12,933 | 1,907 | 1,951 | $29,430 | 29,430 |
| **Travel** | | | | | | |
| *In-State* | 1,436 | 1,436 | 0 | 0 | $2,872 | |
| *Out-of-State* | 0 | 0 | 0 | 0 | $0 | |
| Total | 1,436 | 1,436 | 0 | 0 | $2,872 | 2,872 |
| **Equipment** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Supplies** | | | | | | |
| | | | | | $0 | |
| | | | | | $0 | |
| | | | | | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| **Subcontracts** | | | | | | |
| NJEdge | 40,000 | 40,000 | 0 | 0 | $80,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 40,000 | 40,000 | 0 | 0 | $80,000 | 80,000 |
| *Construction* | *0* | *0* | *0* | *0* | | |
| **Other** | | | | | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| Total Direct Costs | 127,095 | 129,078 | 12,922 | 13,224 | $282,319 | 282,319 |
| Total Indirect Costs | 93715.57 | 95849.57 | 13905 | 14230 | $217,700 | |
| Total Costs | 220,811 | 224,928 | 26,827 | 27,454 | $500,019 | |
| | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **(NJ) Telcordia Technologies, Inc.** | | | **Match as % of total project cost:** | | | 4.58% |
| | | | | | | |
| **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** | | | | | | |
| NJEdge | 12,000 | 12,000 | 0 | 0 | $24,000 | |
| | 0 | 0 | 0 | 0 | $0 | |
| | 0 | 0 | 0 | 0 | $0 | |
| Total | 12,000 | 12,000 | 0 | 0 | $24,000 | 24,000 |
| *Construction* | *0* | *0* | *0* | *0* | *$0* | |
| **Other** | | | | | $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 | |
| Total | 0 | 0 | 0 | 0 | $0 | 0 |
| | | | | | | |
| Total Direct Costs | 12,000 | 12,000 | 0 | 0 | $24,000 | 24,000 |
| Total Indirect Costs | 0 | 0 | 0 | 0 | $0 | |
| | | | | | | |
| Total Costs | 12,000 | 12,000 | 0 | 0 | $24,000 | |

# NJEDge.Net

Office of the President & CEO
218 Central Avenue, Suite 3902
University Heights i Newark i New Jersey 07102-1982
Voice: 973-596-5490 i Fax: 973-596-5499 i Email: Laskaris@NJEDge.net

June 29, 2010

State Broadband Data and Development Program
National Telecommunications and Information Administration
U.S. Department of Commerce,
1401 Constitution Ave., NW
Washington, D.C. 20230

RE: State Broadband Data and Development Program

To Whom It May Concern:

The New Jersey's Higher Education Network, NJEDge.Net, enthusiastically endorses and supports the New Jersey Office of Information Technology and Telcordia Technologies' grant application to develop a statewide broadband technology plan to provide effective, efficient and scalable educational programs and initiatives supporting technology adoption and integration.

NJEDge.Net is a non profit, 501 (3)(c)), higher education consortium. NJEDge.Net (www.NJEDge.Net) currently supports its members in their institutional missions by providing collaborative resources and networked information services in support of teaching and learning; research and development; outreach and public service; as well as economic development. In providing a broadband statewide network, NJEDge.Net establishes standards for interoperability, achieves economies of scale and provides a new generation of on-line collaboration tools designed to create optimal environments for teaching, learning and pedagogy as well as community based workforce development initiatives.

NJEDge.Net will be pleased to work with the New Jersey Office of Information Technology and Telcordia Technologies, Inc. on proposed projects that will (i) develop a statewide plan for exploiting the potential of broadband to support Mobile Learning (m-learning) throughout New Jersey, and (ii) provide technical assistance to the faculty and staff of NJEDge.Net members concerning m-learning applications and teaching techniques.

For the planning project, we expect to assist in benchmarking m-learning activities currently ongoing at NJEDge.Net member institutions, document the potential benefits of technologies such as e-readers for college textbooks, smartphone apps, and social networking sites for collaborative learning. We expect to help define statewide goals for m-learning by understanding the circumstances (types of courses, instructional materials, course schedules, etc.) best suited to m-learning approaches, and determining m-learning "best practices." We also will help craft a plan to deliver those goals identifying specific m-learning applications, materials, and techniques that can be deployed.

For the technical assistance project, NJEDge.Net staff and EDge.Networks members, under the direction of the Director of Educational Technologies, will participate in kickoff meetings with representatives from its member institutions, and then will assist in conducting faculty and staff training in m-learning. The training will familiarize faculty and staff with m-learning success stories and best practices. It will also provide information on the relevant broadband services and pricing information, m-learning hardware platform choices (e-readers, smartphones, Ipad type devices), applications, social networking sites, etc.

For both projects NJEDge.Net will enlist its relevant staff and constituent groups, e.g. EDge.Networs and the CIO group, to provide suggestions, feedback, and outreach on m-learning planning and technical assistance.

As part of our agreement with Telcordia, NJEDge.Net will be a subcontract for $160,000 of federal funds over 4 years with a cost-share match of $48,000 to be contributed in staff time and for supporting meetings and training programs in facilities and infrastructure.

Sincerely,

George Laskaris

CEO & President
NJEDge.Net

NEW JERSEY
SBDC
SMALL BUSINESS DEVELOPMENT CENTERS

1Washington Park, 3rd Floor ■ Newark, NJ 07102 ■ Phone: 973-353-1927 ■ Fax: 973-353-1110

June 29, 2010

State Broadband Data and Development Program
National Telecommunications and Information Administration
U.S. Department of Commerce,
1401 Constitution Ave., NW
Washington, D.C. 20230

RE: State Broadband Data and Development Program

To Whom It May Concern:

The New Jersey Small Business Development Centers (NJSBDC), located at the Rutgers University Business School supports the New Jersey Office of Information Technology and Telcordia Technologies' grant application to develop a statewide broadband technology plan to be used by small businesses in New Jersey.

The NJSBDC network helps small businesses: expand operations, manage growth or launch new ventures. We have offices in every county of the state and our network helps small business owners finance, market and manage their ventures.

NJSBDC will be pleased to work with the New Jersey Office of Information Technology and Telcordia Technologies, Inc. on proposed projects that will (i) develop a statewide broadband plan to facilitate broadband technology use by small businesses in New Jersey and (ii) provide technical assistance to our NJSBDC staff and small business clients. In the planning project, we expect to make our staff and clients (with approved waivers) available for interviews and surveys related to benchmarking broadband use by and value for small businesses in New Jersey.

We also expect to provide comments and feedback on proposed goals for small business use of broadband and a plan to accomplish those goals. For the technical assistance project, we expect that our staff and clients will be the recipients of training in broadband services, including information on the use of broadband services and emerging e-commerce applications to cost-effectively support small business. This training may take the form of workshops, webinars, and train-the-trainer programs.

We further expect that our staff and clients will benefit from opportunities for technical consulting and online resources developed by the project team. For both projects, the NJSBDC will make its regional offices and county contacts available to facilitate outreach to small businesses throughout the state.

This collaboration would be contingent upon the New Jersey Office of Technology and Telcordia Technologies, Inc. receiving the grant funds to establish this initiative.

Sincerely,

Brenda B. Hopper
State Director

OMB Approval No. 0348-0040

## 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 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.

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 of 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 VII 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 subagreement.

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 flood plains 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 will 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.

| SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL | TITLE<br>CTO/CIO |
|---|---|
| APPLICANT ORGANIZATION<br>State of NJ/Office of Information Technology | DATE SUBMITTED<br>July 1, 2010 |