

FY-89 TIIAP Awards

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FY94 TIIAP Awards
October 12, 1994

AK

File No. 02-40-94024 University of Alaska, P.O. Box 756520, 8th Floor Gruening Bldg., Fairbanks, AK 99775-6520. Contact: Mr. John A. Lehman. Telephone: (907)-474-6275. Funds Awarded: \$612,506. Total Project Cost: \$1,608,583. The University of Alaska, the state, the K-12 education system, public broadcasting, the library community, and the community at large will integrate diverse networks which will result in 81% of the population of Alaska having non-toll access to a combined education/government/library network. The University will determine approaches to K-12 access using direct connection in some cases and/or dial up access to leased lines or frame relay systems of the University and state government. The Fairbanks Northstar Borough School District will be the direct access site and the Sitka area is applying for a separate planning grant to develop regional access. The project will also connect community networks in Anchorage, Fairbanks, and Juneau, and will integrate the University ITV system with public broadcasting facilities for cost effective delivery of distance education.

AL

File No. 01-60-94094 City of Huntsville, Alabama, 308 Fountain Circle, Huntsville, AL 35801. Contact: Mr. Joe Vallely. Telephone: (205)-532-7350. Funds Awarded: \$50,000. Total Project Cost: \$301,915. The City of Huntsville will develop a plan for the design and testbed deployment of a model architecture for local access to the national information infrastructure. The project will include: (1) an executable plan to provide no-cost, wide area public access to a robust, locally oriented node on the information highway that will include dial up access and access through the deployment of information kiosks; and (2) the design and implementation of a structure for information services related to community health and human services, public safety, recreation, education, public libraries, and defense-oriented economic diversification.

AR

File No. 05-40-94007 Arkansas Educational Television Commission, 350 South Donaghey, Conway, AR 72032. Contact: Ms. Susan Howarth. Telephone: (501)-682-2386. Funds Awarded: \$200,000. Total Project Cost: \$419,056. Arkansas Educational Television Commission intends to demonstrate the use of an integrated, mixed use network by connecting a pair of towns in different

counties of the state to share telecommunications resources. The Commission will establish a wide area network (WAN) in the county seats of the test counties. The model to be created will be an integrated computing network containing a school information center, a teleconference center and public access computers strategically placed throughout the community. The intended result will be a system for universal access to all area citizens.

AZ

File No. 04-40-94092 City of Phoenix, 200 West Washington Street, 17th Floor, Phoenix, AZ 85003-1611. Contact: Ms. Kristine McChesney. Telephone: (602)-256-3393. Funds Awarded: \$50,000. Total Project Cost: \$100,000. The City of Phoenix's "electronic bus" will extend city and community based services and information to area residents, using multipurpose workstations at existing city facilities. Plans are for a single user interface and point of access to a wide range of services; utilization of existing facilities and trained staff; information partnerships with other community organizations; and introduction of several emerging technologies.

CA

File No. 06-40-94010 San Francisco Public Library, Civic Center, San Francisco, CA 94102. Contact: Mr. George E. McBride. Telephone: (415)-557-4215. Funds Awarded: \$425,000. Total Project Cost: \$1,289,474. To support development of a comprehensive city and county information system, building on the San Francisco Library's on-line information and document retrieval platform. The project will deliver social services, including health care, culture, and education, and will include the human services cluster of City departments, including Recreation and Parks, Public Health, the Unified School District, Public Housing, and the Mayor's Office of Children, Youth, and Families. The transit system is also a partner in this project, along with Pacific Bell, the San Francisco Arts Commission, and Citywatch 54, the city's cable channel. Funding is requested for workstations, software, a router, frame relay telecommunications links, and personnel.

File No. 06-40-94017 Hispanic Community Fund of the Bay Area, 2601 Mission Street, Suite 708, San Francisco, CA 94110. Contact: Mr. Jose Montes de Oca. Telephone: (415)-550-0785. Funds Awarded: \$450,000. Total Project Cost: \$1,124,557. LatinoNet, a project of the Hispanic Community Fund of the Bay Area, will use an established online service provider, America Online, to demonstrate a model for building a national grassroots information system using traditionally disenfranchised nonprofit agencies throughout the United States (that provide an array of human services) as producers as well as consumers of information. In addition to expanding LatinoNet's audience, the

project will establish a network of regional field representatives, who will work with Latino organizations in ten communities to facilitate their participation in LatinoNet. The project will serve communities of color across the United States.

File No. 06-40-94020 Siskiyou County Office of Education, 609 South Gold Street, Yreka, CA 96097. Contact: Mr. Brian Swagerty. Telephone: (916)-842-8412. Funds Awarded: \$120,000. Total Project Cost: \$359,735. The Siskiyou County Office of Education in Yreka, California, will extend their present network service to the 29 area school districts. This process will begin with the creation of SISnet, a TCP/IP connection to each school in the system. Pacific Bell will contribute 46 ISDN lines for this effort. The second step will be a connection to the California State University network (CSUnet) for full Internet access. Upon completion, the network will provide Internet, audio-visual, library, e-mail, health and business support services to this predominantly rural area.

File No. 06-40-94025 Hueneme School District, 205 North Ventura Road, Port Hueneme, CA 93041. Contact: Dr. Ronald C. Rescigno, Ed.. Telephone: (805)-488-3588. Funds Awarded: \$60,000. Total Project Cost: \$445,759. The Hueneme School District of Port Hueneme, California, will act as the hub connection for three community schools who will participate in a national high quality video distribution test. The system demonstration includes three components: distance instruction/teleconferencing, video on demand and delivery of interactive multimedia courses. The project will test the use of fractal compression technology to deliver high quality interactive video signals over long distance using existing low band-width (ISDN) telecommunications infrastructure, supplied by MCI. The other school districts participating in this test are Savannah-Chathan School District in Savannah, Georgia and the Berryessa Union School District in San Jose, California.

File No. 06-40-94026 H.O.P.E. Unit Foundation, 16161 Ventura Blvd, Suite 597, Encino, CA 91436. Contact: Mr. Phillip S. Mittelman. Telephone: (310)-476-4307. Funds Awarded: \$95,015. Total Project Cost: \$190,030. The H.O.P.E. Unit Foundation proposes to establish a frame relay based network that will allow local call access to the L.A. Free-Net from all parts of Los Angeles County. Local call access is particularly important to promote use by schools and low income users. The LA Free-Net provides extensive community service and special interest group bulletin boards, access to local, state, and federal legislative information, special K-12 interactive education programs, medical bulletin boards, electronic mail (including Internet mail), and other services. The LA Free-Net can be accessed from a computer with a modem for an annual fee of \$10.

File No. 06-40-94075 Korean Youth and Community Center, 680 S. Wilton Place,

Los Angeles, CA 90005. Contact: Mr. Bong Hwan Kim. Telephone: (213)-365-7400. Funds Awarded: \$100,000. Total Project Cost: \$200,000. To support the NII component of the Families and Neighborhoods Initiative, a project to develop inter-agency training programs appropriate to the human resources and organizational development needs of community based organizations serving low-income immigrant Asian-Pacific communities. A high-speed digital network will be established to link the Chinatown Service Center, the Korean Youth and Community Center, Visual Communications, the Search to Involve Pilipino Americans, and the UCLA Asian American Studies Center. A steering committee will be formed to coordinate program planning and UCLA Field Studies/Community Internships and Independent Field Studies Projects, and an Asian American Community Fellows Program will be created. This project builds upon a grant from CalREN and the KYCC's new multimedia computer center.

File No. 06-40-94080 PUENTE Learning Center, 501 South Boyle Avenue, Los Angeles, CA 90033. Contact: Mr. Paul Millman. Telephone: (213)-780-8900. Funds Awarded: \$161,364. Total Project Cost: \$322,728. PUENTE is a non-profit, non-sectarian educational institution with campuses in East and South Central Los Angeles which provides free, need-specific instruction to more than 1,400 economically challenged, ethnically diverse children, teens and adults. PUENTE seeks funding to provide an audio, video, and data link between the East and South Central LA locations and to establish distance learning labs using a dedicated T-1 facility.

File No. 06-50-94030 Urban Strategies Council, 672 13th Street, Oakland, CA 94612. Contact: Mr. Ed Ferran. Telephone: (510)-893-2404. Funds Awarded: \$100,000. Total Project Cost: \$200,000. The Urban Strategies Council proposes the National Community Building Network, an alliance of locally driven urban initiatives and national and local foundations in over 21 cities working to reduce poverty and create social and economic opportunity through community building strategies. Funds are requested to implement a needs assessment process designed to forge links between community building expertise and technological expertise. Initially, the project will be implemented in five cities.

File No. 06-50-94033 World Institute on Disability, 510 16th Street, Suite 100, Oakland, CA 94612-1500. Contact: Ms. Deborah Kaplan. Telephone: (510)-763-4100. Funds Awarded: \$338,585. Total Project Cost: \$559,231. To develop consensus-based agreements and protocols for making the NII accessible to disabled persons and language minorities. The results will be widely disseminated to companies and agencies actually implementing NII applications. The World Institute on Disability will partner with the Trace Research and Development Center at the University of Wisconsin and the CPB/WGBH National Center for Accessible Media. It will be an interactive process, with several stages of documents being created and reviewed, leading to the final reports. The process will bring together the various disability communities,

researchers, and the information industries, to arrive at a common understanding.

File No. 06-60-94003 Association of Bay Area Governments, 101 Eighth Street, Oakland, CA 94607-4756. Contact: Mr. Terry Bursztynsky. Telephone: (510)-464-7951. Funds Awarded: \$398,952. Total Project Cost: \$797,905. The Association of Bay Area Governments will conduct a regionwide program of planning and organizing a government information network that will utilize the Internet and be accessible to all citizens of the San Francisco Bay area via dial-in connections and public terminals or kiosks. The effort will involve the development of the plan, technical assistance to participating governments, network development, and demonstrations of network components.

CO

File No. 08-40-94018 Regents of the University of Colorado, 1511 University, Room 206, Boulder, CO 80309-0019. Contact: Mr. Kenneth J. Klingenstein. Telephone: (303)-492-8178. Funds Awarded: \$249,924. Total Project Cost: \$983,440. The University of Colorado proposes the Boulder Community Network (BCN) project, intended as a comprehensive web of information and communications services, providing all Boulder County, Colorado, citizens with access to local and national information to promote civic participation, educational excellence, economic vitality, and community involvement. The project started in November 1992 and will run until the first quarter of 1996. The University of Colorado is partnering with regional libraries, the Boulder Valley School District, city and county governments, museums, the United Way and other local social services agencies, and local media.

File No. 08-40-94047 Colorado Department of Education, 201 E. Colfax Avenue, Denver, CO 80203. Contact: Ms. Susan Fayad. Telephone: (303)-866-6900. Funds Awarded: \$400,000. Total Project Cost: \$853,690. To support Access-Content-Value, to build upon the Access Colorado Library and Information Network (ACLIN). ACLIN provides statewide access to 185 library and information databases, including legislative information, as well as Internet access. Under this project, 4 additional local nodes with 4 dial-in ports each will be added; current nodes will be expanded to 2 lines each; access to state agency information resources will be provided using ACLIN as a channel for public access; 15 additional databases will be added; a "database incubator" service will be created for state agencies and community organizations; a user-friendly interface will be developed; and librarians and advocates from partner organizations will be trained. The existing network uses 56K lines, ISDN basic-rate circuits, T-1 circuits, and 10 megabyte Ethernet wide area circuits. Transmission includes wire, microwave, and fiber.

File No. 08-50-94067 Western Interstate Commission for Higher Education, P.O. Drawer P, WICHE 1540 30th Street, Boulder, CO 80303. Contact: Ms. Sally Johnstone. Telephone: (303)-541-0231. Funds Awarded: \$716,883. Total Project Cost: \$1,438,577. The Western Interstate Commission for Higher Education proposes a regional planning project to build an ongoing capacity to "broker" the educational resources of western colleges and universities by using existing telecommunications networks to make higher education more widely available in rural areas of the West. WICHE, with the Western Cooperative for Educational Telecommunications, will work with six colleges and universities, higher education and telecom planners in 15 states, and telecom providers to: facilitate development of six distance education degree/certificate programs, improve abilities of colleges to integrate telecom with teaching to non-traditional students, and consider solutions to interstate sharing of existing telecom resources. States covered: AK, AZ, CA, CO, HI, ID, MT, NV, NM, ND, OR, SD, UT, WA, and WY.

File No. 08-60-94006 Front Range Educational Media Corporation (KBDI-TV), 2246 Federal Boulevard, Denver, CO 80211. Contact: Mr. Theodore Krichels. Telephone: (303)-458-1200. Funds Awarded: \$30,550. Total Project Cost: \$61,530. To research, evaluate and determine a strategy to implement the Five Points Telecommunications Community Network, which will serve an urban, disadvantaged neighborhood located in the city and county of Denver, Colorado. The goal is to establish a national model for "last mile" connectivity for urban citizens at an affordable cost. The network will provide access to educational, health, safety, economic/business, cultural and governmental resources through a community-wide information infrastructure, making individuals creators as well as consumers of information.

CT

File No. 09-40-94002 Leadership, Education, and Athletics in Partnership, 254 College Street, New Haven, CT 06510. Contact: Mr. Henry J. Fernandez. Telephone: (203)-773-0770. Funds Awarded: \$203,493. Total Project Cost: \$449,638. The National Youth Center Electronic Network Project will design a model to help leaders, staff, and clients of community youth centers serving low income neighborhoods to improve the lives and opportunities of children and community members through the power of information technology. The project will link youth centers across the country to improve delivery of youth programs, education, and training. Pilot sites include New Haven and East Palo Alto, CA. Partners include Plugged In (of East Palo Alto), and the Morino Institute.

File No. 09-50-94061 Danbury Public Library, 170 Main Street, Danbury, CT 06810. Contact: Ms. Elizabeth McDonough. Telephone: (203)-797-4512. Funds Awarded: \$16,000. Total Project Cost: \$33,220. To support planning for a

community FreeNet that would enhance delivery of civic, consumer, social, and business services, and provide Internet access and worldwide electronic messaging. The Danbury Public Library serves 187,000 users in the Connecticut Housatonic Valley. The project would develop a model FreeNet planning process for the state of Connecticut and establish a pool of experienced individuals who can share their expertise with future FreeNet ventures. The planning process would identify networks and systems currently available, determine the feasibility of incorporating existing infrastructure into the FreeNet, and address questions of access and future capacity.

DC

File No. 11-40-94005 Foundation for Educational Innovation, 2213 M Street, NW, Suite 300, Washington, DC 20037. Contact: Mr. Archie Prioleau. Telephone: (301)-499-1570. Funds Awarded: \$450,000. Total Project Cost: \$1,193,621. This project will support a new learning system, the "Virtual Visit," and Technical Learning Centers, using existing two-way video and teleconferencing technology as a basis for establishing communication environments providing electronic and interactive links to content found in America's museums and galleries; develop a pilot network in the DC public school system; and ensure the participation of minority and at-risk students in the project. Howard University will provide teacher training; program evaluation methodologies will be developed based on Department of Energy models. Installation locations include Garrison Elementary School, Coolidge High School, the Patricia Harris School, and the Henry Gregory Family Life Center. Each school will be linked to the system via the Internet through interactive multimedia workstations. Museums in New York, the District of Columbia, and Australia will participate.

File No. 11-40-94031 Marshall Heights Community Development Organization, 3917 Minnesota Avenue, NE, Washington, DC 20019. Contact: Mr. William Peeples. Telephone: (202)-396-3832. Funds Awarded: \$675,000. Total Project Cost: \$1,500,000. The LifeSkills Project will test the effectiveness of a telecommunications-supported electronic network that integrates a wide range of employment, training, health and human services to bring 50 low income, disadvantaged families from a state of poverty and dependency to a state of social and economic self-sufficiency. LifeSkills uses a network of multimedia workstations. The innovation of the project is its organization and service delivery, rather than its use of advanced hardware.

File No. 11-50-94019 Soundprint Media Center, Inc., 4000 Brandywine Street, NW, Suite 620, Washington, DC 20016. Contact: Ms. Moira K. Rankin. Telephone: (202)-885-1285. Funds Awarded: \$109,873. Total Project Cost: \$219,746. To support planning of a nationwide information network enabling public radio stations, producers, and listeners to access the NII. The plan will establish a working laboratory, the SOUNDPRINT Multi-Media Lab, that

will work with partners from domestic and international radio, community information networks, interactive information services, libraries, and math and science centers, who will test the feasibility of providing electronic access for a nationwide system of audio and text-based information and resources. The plan will create a spoke and hub arrangement, linking Gopher sites of local, regional, and national stations and information providers; plan ways to distribute radio programs via the Internet; create a clear public policy on rights and royalties; and develop training programs and delivery methods that will address skill issues raised in other components of the project.

FL

File No. 12-40-94090 School District of Indian River County, 1990 25th Street, Vero Beach, FL 32960. Contact: Ms. Linda Kern. Telephone: (407)-564-3125. Funds Awarded: \$185,000. Total Project Cost: \$477,785. The School District of Indian River County in Vero Beach, Florida, will expand the Indian River Educational Network (IRENE). IRENE presently operates as a school based bulletin board service with limited Internet access. The project will upgrade IRENE to a full community Internet gateway, using the Florida Information Resource Network (FIRN). As a result of this upgrade, the community and school system will have full access to e-mail and other Internet services.

GA

File No. 13-40-94058 Division of Public Health, State of Georgia, Two Peachtree Street, Atlanta, GA 30303. Contact: Dr. Karen Chapman. Telephone: (404)-657-6300. Funds Awarded: \$660,000. Total Project Cost: \$1,992,528. The Georgia Division of Public Health proposes to extend the reach of the Georgia Information Network for Public Health Officials (INPHO) to serve nearly half of the 196 community-based public health clinic sites operated by the State's county health departments. The project would also link the INPHO network with the network serving the Public Health and Preventive Medicine Residency Program at Morehouse School of Medicine; link the INPHO network to the Georgia Interactive Network for Medical Information, which provides information services to clinicians in 56 Georgia hospitals; establish a dial-up access for private pediatricians and hospitals to an immunization registry maintained at a rural county health department; and provide preventive health information and health promotion to families in a low-income inner-city neighborhood.

File No. 13-50-94008 Southeastern Library Network, Inc., 1438 Peachtree Street, NW, Suite 200, Atlanta, GA 30309-2955. Contact: Mr. Charles Wright.

Telephone: (404)-892-0943. Funds Awarded: \$470,400. Total Project Cost: \$966,792. To support the Southeastern Library Network (SOLINET) in planning to develop regional strategies for information distribution and access, using the Monticello Electronic Library Project as the basis for a Public

Information Project; an Unlocking University Information Initiative (dealing with university and scholarly publication); and the Southeastern Special Collections Access (SESCA) project. The objectives of each component are: (1) to build consensus regarding information access and distribution issues and strategies among universities, colleges, educators, governors' and state legislative offices, state agencies, state telecommunications directors, state archives/libraries, and the general citizenry; and (2) evaluate potential demonstration and production projects.

File No. 13-60-94045 Georgia Tech Research Corporation, , Atlanta, GA 30332-0420. Contact: Mr. Matt Gedney. Telephone: (404)-894-4817. Funds Awarded: \$256,984. Total Project Cost: \$762,933. To support planning for an ATM/Sonet-based "Ring Around Georgia," a statewide backbone network which would bring together existing telecommunications resources. These include PeachNet, a statewide multi-protocol network modeled on the Internet, developed by the University System of Georgia; a network of technology assistance field offices closely linked to the Georgia Institute of Technology; and an initiative to establish a statewide telecommunications program under the newly created Georgia Center for Advanced Telecommunications Technology (GCATT). Building upon the investment by GCATT in a multi-site, multi-switch ATM/Sonet network and technical commitments by BellSouth, the Ring Around Georgia will be developed by a task force of management and technical personnel from each of the participating agencies and corporate groups.

IA

File No. 19-40-94011 Iowa State University of Science and Technology, 213 Beardshear Hall, Ames, IA 50011. Contact: Mr. Mark Imerman. Telephone: (515)-294-5781. Funds Awarded: \$36,250. Total Project Cost: \$72,500. The Iowa State University of Science and Technology has devised a system to make existing communications and information database applications available to user groups throughout urban and rural Iowa. The university will create a hub database server which will interconnect several statewide, fiber optic, information network projects with K-12 schools, public libraries, regional councils of government, local governments and chambers of commerce. The new system will be a more interoperable last mile delivery system for all networks in the state.

File No. 19-50-94046 Iowa Civil Rights Commission, 211 East Maple, Des Moines, IA 50309. Contact: Ms. Dawn Peterson. Telephone: (515)-281-8086.

Funds Awarded: \$22,328. Total Project Cost: \$49,955. The Iowa Civil Rights Commission will conduct a planning project that will bring participating civil and human rights agencies in Iowa and surrounding states closer together for more efficient staff training, case processing, and community education regarding discrimination and civil rights. The plan will consist of an examination of existing telecommunications infrastructure and technology, an assessment of the needs of participating agencies and how technology can meet those needs, and a design and implementation plan.

ID

File No. 16-50-94052 Boise State University, Center for Health Policy, 1910 University Place, Boise, ID 83725. Contact: Dr. Eldon Edmundson. Telephone: (208)-385-1678. Funds Awarded: \$136,284. Total Project Cost: \$272,568. The Boise State University Center of Health Policy seeks to plan for a Community Health Information Network (CHIN) that would serve the Magic Valley region of southern Idaho and northern Nevada. The CHIN would integrate and automate the clinical functions of six hospitals, 200 physicians in their offices, Public Health, and other ancillary health care professionals. Among the services envisioned for the CHIN are electronic capture of patient encounter information, integration of the clinical information systems of all providers, expert system software to provide alerts and reminders to care providers, and incorporation of telemedicine technologies to serve remote, underserved areas.

File No. 16-50-94078 Lewis-Clark State College, 500 - 8th Avenue, Lewiston, ID 83501. Contact: Dr. Mary Emery. Telephone: (208)-799-2460. Funds Awarded: \$30,929. Total Project Cost: \$71,914. Lewis-Clark State College proposes the Tsceminicum (which means the coming together of two waters) Regional Connection Planning Grant in partnership with the Clearwater Economic Development Association. The participants will analyze current infrastructure, study prospects for economic development of depressed timber, agriculture, and mining dependent communities, address issues of access for the entire community of (disabled, local Indian tribes, etc.) and examine applications to enhance delivery of social and government services.

IL

File No. 17-40-94071 Board of Trustees, University of Illinois-M/C 551, 809 South Marshfield Avenue, 501MB, Chicago, IL 60612-7205. Contact: Mr. Steven Kokotas. Telephone: (312)-996-5342. Funds Awarded: \$226,685. Total Project Cost: \$474,500. The UIC Neighborhoods and Nonprofit Network is a partnership between the University of Illinois at Chicago, the Information Technology Resource Center, the Donors Forum of Chicago, and 50 community based organizations in two low-income neighborhoods adjacent to the University.

The purpose of the project is to improve the quality of life in these urban neighborhoods by strengthening the communication and information linkages between community organizations, the university, ordinary citizens, foundation and corporate donors, and nonprofit organizations. The project will provide remote dial-up access for 50 community organizations and subsidized Internet access for 100 nonprofit users (negotiated with) private suppliers, provide telecom training and online information education, establish online conferences, and implement numerous other services for the community.

File No. 17-60-94086 Center for Neighborhood Technology, 2125 West North Avenue, Chicago, IL 60647. Contact: Mr. Michael Freedberg. Telephone: (312)-278-4800. Funds Awarded: \$415,497. Total Project Cost: \$902,651. To develop expertise, techniques and software for disseminating and using government information at the grassroots community level. Two organizations, the Center for Neighborhood Technology and Roosevelt University's Institute for Metropolitan Affairs, propose to work with a consortium of civic, grassroots and community organizations to design and test an innovative, accessible community information system for the Chicago metropolitan area. Data from the Home Mortgage Disclosure Act will be linked with an existing local computer network, the Neighborhood Early Warning System, as the platform for implementing the plan. The information will help eliminate discriminatory lending practices and promote government data sets, including health, education, transportation, environment, social services and economic development.

KS

File No. 20-50-94041 Kansas State Corporation Commission, 1500 Southwest Arrowhead Road, Topeka, KS 66614. Contact: Mr. Don Low. Telephone: (913)-271-3220. Funds Awarded: \$190,731. Total Project Cost: \$381,463. The Kansas State Corporation Commission (KCC) will develop a comprehensive, statewide telecommunications infrastructure plan that addresses the needs of business, health care, education, government, and the public. KCC will identify applications of special importance to Kansas and will set priorities for their development. Special needs of the many rural parts of the state, and of the metropolitan areas, will be addressed. Cooperation and coordination between public institutions and the private sector will be encouraged. KCC will define methods for user training in new services and applications. Finally, the likely impact on job retention and creation will be evaluated.

KY

File No. 21-50-94072 Jefferson County Public Schools, 502 Wood Road, Louisville, KY 40222. Contact: Ms. Joyce Paul. Telephone: (502)-473-3290.

Funds Awarded: \$10,695. Total Project Cost: \$58,893. Jefferson County Public School District will design the infrastructure necessary to link its 96,000 students, 11,000 employees and 170 sites to the larger national information infrastructure. The plan will also take into consideration the development of the Kentucky Education Technology System (KETS), a major statewide initiative to establish high performance linkages among educational institutions in the state.

LA

File No. 22-40-94079 Loyola University, 6363 St. Charles Avenue, New Orleans, LA 70118. Contact: Dr. Gary Talarchek. Telephone: (504)-865-2196. Funds Awarded: \$289,214. Total Project Cost: \$601,256. Loyola University of New Orleans (LUNO) proposes a demonstration project using video teleconferencing and electronic mail to extend education and University services to underserved areas in Louisiana. The project will serve LUNO distance students, literacy providers, faculty and registered nurses. The project will begin in October 1994 and continue until April 1996. LUNO is in partnership with the Louisiana Literacy foundation.

MA

File No. 25-40-94044 Massachusetts Executive Office of Education, One Ashburton Place, Boston, MA 02108. Contact: Mr. Joseph Schabhetl. Telephone: (617)-621-0290. Funds Awarded: \$399,910. Total Project Cost: \$799,820. The Massachusetts Executive Office of Education, Boston, will act as the lead agency in the development of a state-wide, integrated, interactive voice and data network called the Massachusetts Information Infrastructure (MII). Other partners include The Massachusetts Education Computer Network (MECN), MCET, and the Massachusetts Board of Library Commissions. The proposal will connect 20 of a projected 352 sites. The state plan targets K-12 schools, higher education institutions, libraries, local government, health services and community organizations.

MD

File No. 24-40-94027 University of Maryland, Lee Building, Room 2100, College Park, MD 20742. Contact: Ms. Jennifer Fajman. Telephone: (301)-405-6083. Funds Awarded: \$244,496. Total Project Cost: \$511,166. The University of Maryland, in coordination with K-12 science and ecology programs, proposes a demonstration Internet Resource Center (IRC), K-12 access points, and linkage to the Chesapeake Bay Observing System (CBOS) for real-time science and ecology information. This project will serve K-12 institutions, their teachers

and students in Maryland. This project is a joint effort of several University of Maryland organizations, the Maryland State Department of Education, and other public and private institutions in Maryland.

File No. 24-40-94043 Museum Computer Network, 8720 Georgia Avenue, Suite 501, Silver Spring, MD 20910. Contact: Mr. Robert Leming. Telephone: (215)-684-7741. Funds Awarded: \$158,150. Total Project Cost: \$316,300. To support Cultural Heritage Information Online (CHIO), a project of the Museum Information Network and members of the Consortium for Computer Interchange of Museum Information, to create a multimedia resource about folk art collections. The project will create a database of 5,000 multimedia folk art records, available to Internet users; create standards and formats for representing information such as text, images, and publications and create a model for other information providers. Multimedia records would be selected from 4 to 6 participating institutions; a critical component is the Standard Generalized Markup Language (SGML). Partners include the Canadian Heritage Information Network, the Getty Art History Information Program, and the Research Libraries Information Network.

ME

File No. 23-50-94063 University of Maine System, 107 Maine Avenue, Bangor, ME 04401. Contact: Dr. George Connick. Telephone: (207)-621-3402. Funds Awarded: \$112,704. Total Project Cost: \$225,846. To develop a comprehensive telecommunications plan for Maine that addresses the state's long term need for an information infrastructure linking it to national and global networks. University of Maine System, Maine Public Broadcasting Corporation and a consortium of public, private, and nonprofit organizations including NYNEX, Central Maine Power, cable companies, independent community networks, etc.) will participate in the planning effort. The entire population of the state is targeted, particularly rural areas. Ultimately the plan will enhance delivery of health and social services, improve access to libraries and other information bases, and broaden citizen participation in public policy development.

MI

File No. 26-40-94051 Michigan Association for Local Public Health, 215 N. Walnut Street, Lansing, MI 48933. Contact: Mr. Jeffrey S. Wehl. Telephone: (517)-485-0660. Funds Awarded: \$113,438. Total Project Cost: \$226,876. The Michigan Association for Local Public Health, in a partnership with the Michigan Department of Public Health, proposes to create a Michigan Public Health Information Network by integrating multiple statewide and local networks. The project would connect scattered local area networks using the

existing statewide wide area network (WAN), update and move the current statewide electronic conferencing system to the statewide WAN and integrate it with new electronic mail and file transfer facilities, and maintain and expand existing methods of access to public health data systems by providing a link to the statewide educational network and by providing users with access to the Internet and various Internet services.

File No. 26-40-94054 Great Lakes Commission, 400 Fourth Street, Ann Arbor, MI 48103-4816. Contact: Ms. Carol A. Ratza. Telephone: (313)-665-9135. Funds Awarded: \$336,930. Total Project Cost: \$674,081. The Great Lakes Information Network builds upon Internet, NSFNET, CICNet, and startup funds from Ameritech, to provide participants in the Great Lakes binational community with immediate access to information on business and industry statistics, socioeconomic data, regulatory and policy developments, environmental research, air emissions, human health data, lake levels, and the like. The project will extend access, increase the knowledge base of the region, improve training and add new data services to enhance the economy and the environment.

File No. 26-40-94062 Regents of the University of Michigan, Division, Research Development, 3003 S. State Street, Room 1066, Ann Arbor, MI 48109-1274. Contact: Dr. Michael McGill. Telephone: (313)-764-4262. Funds Awarded: \$225,085. Total Project Cost: \$488,788. The University of Michigan Medical Center (UMMC) proposes to demonstrate remote physician collaboration using Internet based technology. UMMC proposes to develop and demonstrate a starter package of Internet tools that could be used as the technological underpinning of a Community Health Information Network (CHIN). Components for the CHIN include encrypted electronic mail, an interface that converts mainframe-stored discharge summaries to electronic mail messages, and a Mosaic-based server that supports Electronic Document Interchange using the ANSI X.12 standard and Health Level 7 exchanges of patient information. As they are developed, these components would be tested in the field with UMMC's network of referring physicians.

MN

File No. 27-40-94082 University of Minnesota, 1100 Washington Avenue, South, Suite 201, Minneapolis, MN 55415-1226. Contact: Mr. Donald Riley. Telephone: (612)-626-9816. Funds Awarded: \$425,000. Total Project Cost: \$1,495,350. The University of Minnesota, in collaboration with the Department of Administration, seeks funding to extend and enhance the existing infrastructure supported by the Administration's MNet to provide a broader constituency with the resources and capabilities of the Internet and to accelerate the development of on-line information resources in a number of sectors. The project, Access Minnesota, will establish community access

centers in 60 counties with direct access to Internet and eventually to all 87 counties. Ten K-12 pilot schools will also connect to the MNet system. Minnesota Public Radio and KTCA/KTCI will be offering dial-in access.

MO

File No. 29-40-94004 St. Joseph School District, 925 Felix Street, St. Joseph, MO 64501. Contact: Mr. Rick Hartigan. Telephone: (816)-232-9753. Funds Awarded: \$262,250. Total Project Cost: \$5,447,250. The St. Joseph Missouri School District will act as the lead agency in the development of seamless, multi-user, fiber optic, metropolitan network. Through a partnership with the local cable company, all 30 public school sites in Buchanan County will be connected to local and national resources via lines dedicated for educational use. This single effort by the local school board will connect all educational institutions to the larger network and will create local area networks (LAN) connecting each classroom in the system.

File No. 29-40-94028 Saint Louis University, 221 N. Grand Blvd., Saint Louis, MO 63103. Contact: Ms. Feifei Wei, Ph.. Telephone: (314)-658-8102. Funds Awarded: \$136,966. Total Project Cost: \$273,933. The St. Louis University School of Public Health, in partnership with the Missouri Department of Health Bureau of Immunization, and the St. Louis City and County Health Departments, proposes to develop the St. Louis Integrated Immunization Information System (SLIIIS) as part of a five-year plan to raise and maintain the immunization rates of children under age two. St. Louis would adopt the Missouri Immunization Information System with modifications tailoring it to local needs. The project objectives for the first year include providing all public health care providers of immunization to children under age two in St. Louis with on-line real-time access to immunization information and raising the immunization rate to 45% (from 38%).

File No. 29-40-94048 City of St. Peters, One St. Peters Centre Blvd., P.O. Box 9, St. Peters, MO 63376. Contact: Ms. Cathy Gillies. Telephone: (314)-447-4440. Funds Awarded: \$97,862. Total Project Cost: \$195,724. The City of St. Peters, Missouri, will improve access to City government and public information by linking computer and telecommunications systems in the City of St. Peters with the St. Charles City-County Library District, Ft. Zumwalt Public School District, and the University of Missouri at Columbia in order to provide Internet access, city e-mail, and an interactive electronic community bulletin board for public use.

File No. 29-40-94083 Grace Hill Neighborhood Services, 2600 Hadley Street, St. Louis, MO 63106. Contact: Mr. Richard Gram. Telephone: (314)-539-9510. Funds Awarded: \$600,000. Total Project Cost: \$1,201,211. Grace Hill Neighborhood Services proposes a telecommunications network and a card based

information system in five low income communities to allow end users to manage and move community information, personal information, and personal finances. This will assist facilitation of neighborhood based economic development and the coordination of social and health services. Proposal requests 50 PC based, networked, MORE Workstations, to be installed in agencies and public sites for 7-day a week, 24-hours a day service.

File No. 29-60-94059 Kansas City Area Development Council, 911 Main, 2600 Commerce Tower, Kansas City, MO 64105. Contact: Mr. Wayne Little. Telephone: (816)-221-2121. Funds Awarded: \$250,000. Total Project Cost: \$746,600. To support design, testing, and documentation of a saleable planning model for an advanced information infrastructure for the Kansas City region. During the planning process, the KCADC will establish formal partnerships for collaborative planning and document the process. Formal steps in the process include design of all aspects of a planning framework; development of policies and procedures for the planning organization; definition of critical factors for preparation and implementation; design of training materials; identification of interactions among the functional groups; profiling the required human resources; outlining necessary inputs and expected outputs; and testing of the planning framework. Partners in this process include Silicon Prairie Technology Association; Southwestern Bell; University of Missouri; Greater Kansas City Chamber of Commerce; Kansas City Public Library; and the University of Kansas.

MS

File No. 28-40-94068 Tri-State Education Initiative Consortium, Highway 72 West, Iuka, MS 38852-0508. Contact: Dr. John Arnold. Telephone: (601)-423-9071. Funds Awarded: \$600,000. Total Project Cost: \$2,400,000. The Tri-State Education Initiative Consortium will develop a project to improve the information infrastructure in Alabama, Mississippi, and Tennessee and to expand infrastructure improvements in Tishomingo County, MS. A key element of the project is the development of a wide area network known as the WEB, which will be used as a collaborative communications vehicle for the region's stakeholders (students, parents, educators, community representatives). The WEB will promote collaboration in support of four "frameworks" developed as part of the NASA-sponsored Tri-State Education Initiative. The frameworks are: Leadership, Applied Lifelong Learning and Training, Physical Resources, and Socio-Economic Opportunity. The network will be a "star" type network. The project will serve a population of approximately 550,000.

MT

File No. 30-40-94001 Hall Elementary School District No. 8, No. 8 Farm to

Market Road, Hall, MT 59837-0220. Contact: Ms. Rhonda R. Luoma. Telephone: (406)-288-3349. Funds Awarded: \$3,000. Total Project Cost: \$6,881. Hall Elementary School District Number 8, in rural southwest Montana, will install the town's first Internet connection in their school building. This connection will provide the 25 students and 95 residents of the town with access to Montana statewide information services as well as national resources. Connection facilities will be placed in the two room school building and will be available to all residents.

NC

File No. 37-40-94022 Public Library of Charlotte and Mecklenburg, 310 N. Tryon Street, Charlotte, NC 28202. Contact: Ms. Pat Ryckman. Telephone: (704)-336-6235. Funds Awarded: \$450,000. Total Project Cost: \$1,240,000. To support the Charlotte's Web network in the Charlotte-Gastonia-Rock Hill (SC) area, providing citizens and school children with access to information resources. Coalition members include the Library of Charlotte and Mecklenburg County; Charlotte-Mecklenburg Schools; Central Piedmont Community College; WTVI-TV; the University of North Carolina; Southern Bell; Time-Warner Cable; and Vision Cable. Initially, 114 public access terminals will be located in libraries, neighborhood and senior centers, shelters, health care facilities, classrooms, and school libraries. Extensive computer literacy training will be provided, and the system will be linked to the North Carolina Information Highway, a fiber network connecting rural and urban areas with broadband data and video. The system will employ switched multi-megabit data service (SMDS), Unix servers, VSAT technology, and expanded interactive video using ATM.

File No. 37-40-94084 Office of the Governor, 116 W. Jones Street, Room 5050, Raleigh, NC 27603-8003. Contact: Ms. Sheron Morgan, Ph.. Telephone: (919)-733-4131. Funds Awarded: \$550,000. Total Project Cost: \$2,393,140. The State of North Carolina proposes to link emergency departments at each of the State's four medical centers affiliated with medical schools (Bowman Gray, Duke University, East Carolina University, and the University of North Carolina Schools of Medicine) with five remote site hospital emergency departments, including one military base hospital emergency department, to provide teleconsultations (including general trauma consults, as well as teleradiology consults, such as, x-rays, and CT scans) during emergency situations. The project will utilize the broadband, ATM/SONET-based North Carolina Information Highway to connect the sites.

File No. 37-50-94060 North Carolina Client and Community Development, 224 South Dawson Street, Wake County, Raleigh, NC 27601. Contact: Ms. Terry Grunwald. Telephone: (919)-856-2176. Funds Awarded: \$126,340. Total Project Cost: \$252,680. NCexChange proposes to develop an innovative, realistic, and replicable model for facilitating access to the NII by key

EZ/EC partners (such as nonprofit community development and social service organizations, small minority owned businesses, and local government entities), to support their efforts to revitalize their communities within the state of North Carolina. The model will be designed to be used in all distressed communities, making telecommunications a viable tool for community revitalization, with emphasis on tapping into the full potential of the existing information infrastructure. The model will be developed around a new class of information professional--the community information broker--individuals trained to provide telecommunication options for target groups.

ND

File No. 38-50-94039 Office of Management & Budget, 600 East Boulevard, Bismarck, ND 58505. Contact: Mr. Jim Heck. Telephone: (701)-224-3190. Funds Awarded: \$137,500. Total Project Cost: \$275,000. The State of North Dakota will develop a plan that will engage the citizens of the state in preparing a vision for the ongoing development of a statewide telecommunications and information infrastructure network of networks. The plan will examine needs, policy issues, and barriers to access, and it will recommend strategies for the development of a basic framework which will provide all citizens the opportunity for universal access to state, national, and international information networks to help promote and enhance economic development, health care, education, and public safety.

NE

File No. 31-50-94016 Native American Public Broadcasting Consortium, Inc., 1800 North 33rd Street 309TC, Lincoln, NE 68583. Contact: Mr. Frank Blythe. Telephone: (402)-472-3522. Funds Awarded: \$155,844. Total Project Cost: \$311,688. To support planning to link over 500 Native American tribal governments nationwide, leading to a demonstration project. Ten sites will be analyzed for existing local infrastructure in ND, SD, CO, WY, NC, MI, CA, and OK. Six areas of tribal services will be examined: telemedicine, economic development, child care, education, cultural preservation, and government. The plan will also assist the Museum of the American Indian in developing their "4th Museum" which utilizes interactive multi-mode data sharing for cultural programs. Steps in the process are: creation of a plan to bring access to the NII to Native Americans and tribal governments; creation of a plan for interconnection; development of plans to increase access by tribal governments to federal and state agencies; generation of an appropriate hardware and software list; development of training resources.

File No. 31-50-94073 Nebraska Department of Administrative Services, 1800 North 33rd Street, Lincoln, NE 68503. Contact: Mr. William Miller. Telephone:

(402)-471-2761. Funds Awarded: \$212,455. Total Project Cost: \$457,096. The Nebraska Department of Administrative Services will develop a comprehensive plan for a statewide integrated telecommunications infrastructure that will address the needs of education, health care, economic and rural development, government, agriculture, libraries, and the community. The project will consist of a needs and technology assessment, plan development, and the dissemination of results.

NJ

File No. 34-40-94049 Newark Board of Education, 2 Cedar Street, Essex, NJ 07102. Contact: Ms. Pamela Morgan. Telephone: (201)-733-8290. Funds Awarded: \$106,950. Total Project Cost: \$147,370. The Newark Board of Education, together with the New Community Corporation, proposes to develop a networking program that would put Newark, New Jersey citizens in touch with health care professionals, social service agencies, information services, and their neighbors. Individuals will access a community database with two areas: one for health-related community projects, where the participants will have access to information related to their projects and health topics, and one for neighborhood related communication, where participants can communicate with each other, sharing history, music, writing, and other information.

File No. 34-40-94069 Newark Public Library, 5 Washington Street, Newark, NJ 07102. Contact: Mr. Paul A. Stellhorn. Telephone: (201)-733-7793. Funds Awarded: \$550,000. Total Project Cost: \$1,429,770. To support the Newark Electronic Information Infrastructure Demonstration Project, which will purchase and install advanced telecommunications equipment in five locations and provide specialized electronic information and communication resources. The project is designed as a component of Newark's Empowerment Zone plan, and targets 55,213 residents, businesses and entrepreneurs, community-based organizations, and children and students who live, work, or attend school in the 27 Empowerment Zone tracts. Secondary beneficiaries will be the balance of the city's 275,000 residents. The basis of the system is a Hewlett-Packard Model 800G Unix-based mainframe, Dell file servers, a local network operating from a Sun SPARCstation, public access workstations, and a wide area network connecting the Central Library, a branch library, and City Hall to Bell Atlantic's fiber optic ring serving the City of Newark.

NM

File No. 35-60-94074 University of New Mexico, Office of Research Administration, Scholes Hall, Room 102, Albuquerque, NM 87131. Contact: Dr. Rosemary Ann Blanchard. Telephone: (505)-863-7526. Funds Awarded: \$190,789. Total Project Cost: \$466,175. To engage in comprehensive telecommunications

infrastructure planning for the McKinley County area within New Mexico and related adjacent communities. Development of a computer telecom network, with particular emphasis on educational uses of the network, although medical providers, governmental entities and economic organizations will also be included. Focus on Native American population (72%) and Hispanic population (13%). The University of New Mexico/Gallup will act as coordinator with broad partnership of educational, health, governmental and community entities.

NV

File No. 32-40-94091 Green Valley High School, 460 Arroyo Grande Blvd., Henderson, NV 89014. Contact: Ms. Cynthia Montoya. Telephone: (702)-898-0750. Funds Awarded: \$40,000. Total Project Cost: \$85,800. Green Valley High School in Henderson, Nevada, a suburb of Las Vegas, will install a fiber optic local area network (LAN) in their building to interconnect the library, classrooms and computer laboratories. The LAN will then be connected by the InterAct project to the Internet. The project will provide network access for 3,300 students and 135 professional staff members.

NY

File No. 36-40-94057 Trustees of Columbia University in the City of New York, Room 405, Low Memorial Library, 116th Street and Broadway, New York, NY 10027.

Contact: Ms. Beth H. Israel. Telephone: (212)-854-6851. Funds Awarded: \$450,000. Total Project Cost: \$1,101,919. The Harlem Environmental Access Project extends the NII to connect the information resources and expertise of Columbia University and the Environmental Defense Fund with students and teachers in the Harlem Economic Empowerment Zone. Through the extension of high-speed networks and graphical interfaces for teaching, environmental resources will be provided to teachers and students. The project will include purchase and installation of new equipment in six schools, provision of curricular material and support, and necessary elements for connection to Columbia.

File No. 36-40-94065 Trustees of Columbia University, Office of Grants and Contracts, 630 West 168th Street, New York, NY 10032. Contact: Dr. George Hripcsak. Telephone: (212)-305-5712. Funds Awarded: \$733,424. Total Project Cost: \$2,576,521. Columbia-Presbyterian Medical Center, the New York City Department of Health, and the Visiting Nurse Services of New York City propose to collaborate to develop and demonstrate an information infrastructure to provide coordinated care to tuberculosis (TB) patients in the home, in a doctor's office, and in the hospital. The project will use automated decision-support systems, networks, interactive wireless hand-held computers, and

natural language processing technology to coordinate the many providers of care for TB patients, ensure that appropriate TB protocols are followed, develop an infrastructure that could be used in the treatment of other diseases, and demonstrate how electronic medical records can meet high standards of privacy and confidentiality.

File No. 36-40-94066 United Neighborhood Houses of New York, Inc., 475 Park Avenue South, 6th Floor, New York, NY 10016. Contact: Dr. Maxine Rockoff. Telephone: (212)-776-3434. Funds Awarded: \$697,936. Total Project Cost: \$1,396,886. United Neighborhood Houses of New York plans to install a telecommunications and information infrastructure in 5 pilot settlement houses in New York City to enable: (1) more efficient coordination with government agencies that fund community-based social services; and (2) provide Internet access for community residents in poverty-stricken neighborhoods. Settlement houses provide social services while also offering enrichment activities (recreational, cultural, and educational) focused on neighborhood strengths. Typically, computerization in settlement houses is an ad hoc, unintegrated affair, driven primarily by the uncoordinated requirement of government programs. The five-year UNH Information Technology Initiative will undertake to introduce information technology to improve the service delivery process and design reports necessary for accountability.

File No. 36-40-94070 City University of New York, 555 West 57th Street, 16th Floor, New York, NY 10019. Contact: Ms. Marsha Ra. Telephone: (212)-541-0369. Funds Awarded: \$275,000. Total Project Cost: \$559,150. The City University of New York, in partnership with the New York Academy of Medicine, the New York Metropolitan Research and Reference Library Agency's Hospital Library Services Program, and the New York Public Library, proposes to work with local voluntary health agencies, support groups, and commercial vendors to demonstrate a consumer health information network that will serve the residents of New York City and lower Westchester County, New York. Citizens could access the network from public terminals located in libraries, colleges, hospitals, and other locations. The network will provide access to databases on breast cancer, AIDS, and other diseases. The network would also provide access to a directory of community services, a bulletin board for public health announcements, a health and drug information library, and other services in both English and Spanish. The network will be Internet-based.

File No. 36-50-94012 New York State Education Department, Room 5B44, Cultural Education Center, Albany, NY 12230. Contact: Mr. Charles Devoe. Telephone: (518)-474-5091. Funds Awarded: \$250,000. Total Project Cost: \$707,185. The New York State Education Department's Office of Telecommunications Policy Analysis and Development has been given the responsibility to develop a comprehensive state-wide networking plan. The project will consider interconnection and interoperation of existing networks, the development of new systems, legal and regulatory considerations, and

issues of public/private partnerships in the development of a single state network. Partners in this project include the New York State Department of Economic Development, The State University of New York, City University of New York, and New York State Boards of Cooperative Educational Services (BOCES).

File No. 36-50-94021 Steuben-Allegany BOCES, 6666 Babcock Hollow Road, Bath, NY 14810-9796. Contact: Mr. Rene L. Bouchard. Telephone: (607)-776-7631. Funds Awarded: \$48,500. Total Project Cost: \$97,000. The Steuben-Allegany Board of Cooperative Education Services (BOCES) is requesting funds to support a Steuben County telecommunications plan. The BOCES plan will include the four public school districts, area hospitals, emergency medical services, public telephone companies, cable companies, local businesses and industry. The coalition will provide support for the establishment of interoperable countywide telecommunication infrastructure.

File No. 36-50-94035 Cornell University Office of Sponsored Programs, 120 Day Hall, P.O. Box DH, Ithaca, NY 14853-2791. Contact: Ms. Denise J. Clark. Telephone: (607)-255-5014. Funds Awarded: \$114,676. Total Project Cost: \$229,352. To support planning for the Child Abuse Prevention Network, using a market research and analysis process to plan a national computer network for a diverse community. Currently, no more than 200 child abuse prevention professionals are effectively networked. In addition, commercial networks are either far too expensive or fall short of information salience. In order to address these problems, the Cornell University Family Life and Development Center would develop a plan to interconnect GTE's Educational Services for the Human Services InterNetwork; HandsNet; America Online's Parent Information Network and Child Abuse Forum; and IGC/APC's HumanServe (which in turn interconnects Internet Listservs, the UseNet Newsgroup environment, and IGC's conferences on children and child abuse). More than 200,000 persons, programs, and agencies with child abuse prevention and intervention components will be extensively surveyed.

File No. 36-50-94036 Planned Parenthood Federation of America, Inc., 810 Seventh Avenue, 12th Floor, New York, NY 10019. Contact: Mr. Timothy Lannan. Telephone: (212)-541-7800. Funds Awarded: \$294,390. Total Project Cost: \$594,994. Planned Parenthood Federation of America (PPFA) proposes a one-year planning project to design the prototype of a nationwide, on-line information system to collect and exchange data on reproductive health care. After testing the system in selected Planned Parenthood sites (subsequent to the grant year), it would be implemented in all 164 PPFA affiliates, which manage 919 clinics. Primary data and information on reproductive issues and health care collected in Planned Parenthood clinics across the nation then will be made available on-line to health care researchers, health care providers, policy makers, and federal and state health care agencies.

OH

File No. 39-40-94037 National Public Telecomputing Network, 34555 Chagrin Blvd., Moreland Hills, OH 44022. Contact: Mr. Thomas M. Grunder. Telephone: (216)-247-5800. Funds Awarded: \$447,955. Total Project Cost: \$895,910. The National Public Telecomputing Network (NPTN) will act as the lead organization in the development of a series of model demonstration networks which will provide community computing services (Free-Nets) to 20 rural communities. Though collaboration with hardware and software developers, NPTN will move their "Rural Information Network" from successful prototype to national demonstration in twenty communities.

File No. 39-40-94081 University of Cincinnati, 231 Bethesda Avenue, Cincinnati, OH 45267-0574. Contact: Mr. J. Roger Guard. Telephone: (513)-558-5656. Funds Awarded: \$375,000. Total Project Cost: \$861,042. The University of Cincinnati Medical Center proposes to provide access to health information to citizens of the Ohio Valley. Information on prescription drugs, diseases, wellness and general health, alternative therapies, insurance, and physician referrals will be made available using the Internet, regional online service providers, and other channels. Anyone with a home computer in the tri-state region will have access to the information, which will also be made available at public workstations. These public workstations will be placed in public libraries, health clinics, hospital waiting rooms, and pharmacies.

OK

File No. 40-40-94015 Comanche County Memorial Hospital, 3401 West Gore Blvd., Lawton, OK 73505. Contact: Mr. Russell R. Blackwell. Telephone: (405)-355-8699. Funds Awarded: \$496,637. Total Project Cost: \$993,275. Comanche County Memorial Hospital, in Lawton, OK, and First Health West, a rural health maintenance organization, proposes to implement a T-1 network connecting eight hospitals in rural southwestern Oklahoma to provide telemedicine services. The objectives of the project include: the development and provision of cardiology, radiology, and pathology support services; the provision of patient and financial information management tools; and the provision of continuing education and technical support to isolated rural physicians and other clinical professionals.

File No. 40-50-94076 Oklahoma Department of Commerce, 6601 N. Broadway, Oklahoma City, OK 73116. Contact: Mr. Marshall Allen. Telephone: (405)-744-5960. Funds Awarded: \$248,750. Total Project Cost: \$497,500. The Oklahoma Department of Commerce and the Oklahoma State University Institute for Telecommunications will develop a statewide strategic plan that will network together state agencies, educational organizations, industry, health care, and other public service providers for the purpose of sharing opportunities

to provide social and medical services in an equitable way to the widely dispersed population of the State of Oklahoma.

File No. 40-60-94042 City-County Health Dept. of OK County, 921 N.E. 23rd Street, Oklahoma City, OK 73105. Contact: Ms. Rosita B. Long. Telephone: (405)-425-4332. Funds Awarded: \$128,970. Total Project Cost: \$276,748. The City-County Health Department of Oklahoma County, Oklahoma proposes to develop a plan to improve its surveillance and data systems. The objectives for an improved system include: 1) the ability for users to interconnect among different network systems; 2) the establishment of new network capabilities and interconnections; and 3) the establishment of a common database of demographic and geographic information which allows for surveillance of health risk factors, epidemiological studies, control of disease, and promotion of health in the community.

OR

File No. 41-40-94029 University of Oregon, 110 Johnson Hall, Eugene, OR 97403-1219. Contact: Mr. John Moseley. Telephone: (503)-346-3186. Funds Awarded: \$524,835. Total Project Cost: \$1,049,671. The University of Oregon, in partnership with 15 other educational, governmental, health care, community, and industry partners, proposes a demonstration project, the Lane Education Network. A fiber optic network will connect dedicated systems into a seamless, fully accessible community network. Funds are requested for the server and router equipment needed to run the network and connect the consortium networks, and for routers, servers, and workstations needed to create 11 electronic classrooms and public access points to the network. Six educational programs are planned for implementation: 1) network mentoring among academia, and high schools; 2) school based health care delivery program; 3) desktop training between community college and Symantec; 4) community access; 5) delivery of Chinese language courses; and 6) on-line training.

PA

File No. 42-40-94023 Commonwealth of Pennsylvania, 204 Finance Building, Harrisburg, PA 17120. Contact: Mr. Richard M. Walsh. Telephone: (717)-787-5440. Funds Awarded: \$379,302. Total Project Cost: \$762,905. The Commonwealth of Pennsylvania proposes to develop The Keystone State Desktop Medical Conferencing Network (KEYNET) as part of the Pennsylvania Rural Health Telecommunications Network. KEYNET would link physicians in rural/remote areas with resources in urban areas using PC-based multimedia capabilities. These resources would include both consulting physicians and various information sources, such as medical libraries and databases. The

project would rely on the use of ISDN telecommunication links and PC-based desktop video equipment. Partners in the project include the Governor's office, the Pennsylvania Department of Health, three tertiary care facilities, a rural hub site, and ten rural physicians from Potter County, Pennsylvania.

File No. 42-40-94032 MPC Corporation, University of Pittsburgh, 5000 Forbes Avenue, Pittsburgh, PA 15213. Contact: Mr. Robert D. Carlitz. Telephone: (412)-624-9027. Funds Awarded: \$551,094. Total Project Cost: \$1,102,572. Carnegie Mellon's MPC Corporation proposes further expansion of activities in four schools that are a part of the National Science Foundation's testbeds for school networking - two elementary schools, a middle school, and a high school - with an emphasis on the study of foreign languages. With support from DEC and Tele-Communications, Incorporated, the four schools, a community center, and the Carnegie Library will be connected to the Pittsburgh Supercomputing Center using DEC's ChannelWorks ethernet over CATV technology, which will provide a 10 Mbps connection to the Internet via the center. The project will examine this technology as a potential model for school interconnects in urban settings.

File No. 42-40-94050 Commonwealth of Pennsylvania, Central Management Information Center, 1 Technology Park, Harrisburg, PA 17110. Contact: Mr. Robert G. Fike. Telephone: (717)-772-8046. Funds Awarded: \$125,000. Total Project Cost: \$374,890. The Commonwealth of Pennsylvania proposes a project that would take services out of government buildings and place them more directly into the lifestyles of the people. Information would be provided using multimedia kiosks that employ a simple to use touch-screen interface. Kiosks will be strategically located to disseminate information and services at more convenient times and places to citizens of the Commonwealth. Examples of information to be made available through the kiosk system include application information for the Women, Infants, and Children (WIC) program, job training opportunities for unemployed youths, and access for senior citizens to Department of Aging programs. The kiosks will also support motor vehicle registration and driver's license renewals.

File No. 42-40-94085 Carnegie Institute, 4400 Forbes Avenue, Pittsburgh, PA 15213-4080. Contact: Mr. James King. Telephone: (412)-622-3241. Funds Awarded: \$200,000. Total Project Cost: \$400,000. To support the first phase of NATUREnet, a National Architecture for Telecommunications and a Unified Resource on the Environment. Nine institutions will be linked so that a single query on plants, animals, or ecosystems will simultaneously access a virtual database on environmental topics of individual, regional, national, or international concern. Common capability levels and data uniformity will be achieved using a fiber optic backbone, departmental LANs, a communications server, a DBMS server, local workstations, and adoption of the Smithsonian's RapidMap standards for specimen data entry. This phase of the project will allow access to institutional and Internet accessible text/database records,

images, videos, sounds, maps, and will include communications tools such as e-mail and bulletin boards. A T-1 connection and Unix server will be installed at each institution, along with at least one public access workstation.

RI

File No. 44-40-94093 Rhode Island Public Telecommunications Authority, 50 Park Lane, Providence, RI 02907. Contact: Ms. Susan L. Farmer. Telephone: (401)-277-3636. Funds Awarded: \$150,000. Total Project Cost: \$566,040. The Rhode Island Telecommunications Authority, in partnership with the R.I. Department of Education, Department of State Library Services, the R.I. University and Brown University, seek funding to extend the Rhode Island Network (RINET) to municipalities, non-profits, and state agencies.

SC

File No. 45-50-94014 South Carolina Budget and Control Board, 1000 Assembly Street, Suite 425, Columbia, SC 29201. Contact: Mr. Dell Kinlaw. Telephone: (803)-734-3797. Funds Awarded: \$430,605. Total Project Cost: \$861,210. The South Carolina Budget and Control Board will develop and implement a unified statewide networking plan. The plan will involve the cooperation of numerous public and private institutions including the Office of the Governor, the Appalachian Council of Governments, the State Department of Education and South Carolina Educational Television. The plan will also include the three community information networks in the state (APPnet, MidNet and CoastNet). The projected outcome of this project will be the development of a single comprehensive South Carolina Citizens Access Network (SCCAN).

SD

File No. 46-40-94034 Department of Education & Cultural Affairs, 700 Governors Drive, Pierre, SD 57501-2291. Contact: Mr. Jim Soyer. Telephone: (605)-773-5232. Funds Awarded: \$249,926. Total Project Cost: \$525,781. The Department of Education and Cultural Affairs, Office of the Secretary, State of South Dakota, plans to create a statewide telecommunications network to expand the delivery of distance learning, and educator inservice training as well as to provide information and collaborative support to all of South Dakota's students and educators. The project will also provide rural communities with the benefits of telecommunications in order to attract new business and increase economic development efforts for the state. The project will add 20 remote bulletin board hosts and one-way video, two-way audio videoconference capability for high schools.

TN

File No. 47-50-94009 State of Tennessee, 511 Union Street, Suite 1020, Nashville, TN 37243-0288. Contact: Mr. Richard M. Riebleling. Telephone: (615)-741-1888. Funds Awarded: \$375,000. Total Project Cost: \$750,000. To initiate planning for Tennessee Information Infrastructure to capitalize on existing assets to create an interoperable "network of networks" for all the state's citizens. The plan will include elements geared to delivery of social services.

TX

File No. 48-60-94056 University of Texas at El Paso, 500 University, El Paso, TX 79968. Contact: Mr. Randall Neeb. Telephone: (915)-747-5680. Funds Awarded: \$105,093. Total Project Cost: \$210,186. The University of Texas at El Paso will receive a planning grant for the El Paso Information Technology Collaborative to develop a comprehensive long-range plan for achieving a competitive marketplace advantage for the creative exploitation of new information technologies, computer networks, and telecommunications systems. The coalition includes the major educational, health and human services, business, government, and philanthropic agencies in the greater metroplex region of El Paso and the adjoining southwestern border area along Mexico and Southwest Texas. The overriding goal of the plan is the development of widespread and equitable availability to advanced telecommunications and digital networks to better promote the new socio-economic agenda the region has set under NAFTA.

VA

File No. 51-40-94040 George Mason University, 4400 University Drive, Fairfax, VA 22030. Contact: Dr. Kingsley Haynes. Telephone: (703)-993-2280. Funds Awarded: \$350,000. Total Project Cost: \$1,305,347. George Mason University, Fauquier County, and the City of Alexandria propose a demonstration project to conduct a 12-month policy demonstration of the role, function, and benefits of communication infrastructure in community and commercial life. The model will be initially developed in Fauquier county and will be replicated in more populous Alexandria starting in Fall 1995. At the end of twelve months all public schools and the community college in Fauquier County will have network access. A gopher server for the county will be established and up to 200 homes will be provided free dial-up access Internet service.

File No. 51-60-94064 Rockbridge Regional Library, 138 South Main Street, Lexington, VA 24450. Contact: Ms. Grace McCrowell. Telephone: (703)-463-4324. Funds Awarded: \$6,440. Total Project Cost: \$12,880. To support a planning

project to determine the optimal method of linking all of the schools, colleges, and public libraries in Rockbridge and Bath Counties, the cities of Lexington and Buena Vista, and the community college library in Clifton Forge, VA. Located in Central Virginia, this region is largely rural, mountainous, and sparsely populated. Fourteen per cent of the residents are below the poverty level. The plan will address the problem of separately owned and maintained CD-ROM and tape-loaded databases in each library; the feasibility of moving from analog to digitally based file transfers; and the lack of adequate Internet connectivity and local area networks in the majority of schools and libraries in the region.

VI

File No. 78-50-94038 Government of the Virgin Islands, No. 18 Kongens Gade, St. Thomas, VI 00802. Contact: Ms. Jeanette Bastian. Telephone: (809)-774-3407. Funds Awarded: \$78,000. Total Project Cost: \$166,220. The Government of the Virgin Islands will conduct a comprehensive study to develop accessible interactive, multimedia services to and between the isolated U.S. Virgin Islands. The goal is to develop a seamless, integrated and multifunctional telecommunications infrastructure that will include model island hubs and community nodes, interconnected with the evolving global information infrastructure.

VT

File No. 50-40-94089 Fairfax Bulletin Board System, Inc., 178 Shepardson Hollow Road, Cambridge, VT 05444-9633. Contact: Mr. David B. Murray. Telephone: (802)-849-6483. Funds Awarded: \$3,962. Total Project Cost: \$7,925. The Fairfax Bulletin Board System will establish a community-based electronic communication system for a rural community in northwest Vermont. Fairfax BBS, Inc. is a non-profit organization managed by local business people and school personnel. The BBS plans to increase civic participation, offer easy two-way communication between citizens and all levels of government, and improve educational opportunities, public safety and public health. In addition to local notices, the BBS will offer Internet mail service. An "Equal Access Committee" will ensure that the new BBS is accessible to and responsive to specific groups within the community - including the elderly and disabled.

WA

File No. 53-40-94013 Eastern Washington University, Mail Stop 10, 526 5th Street, Cheney, WA 99004-2431. Contact: Dr. Karen Michaelson. Telephone: (509)-359-6567. Funds Awarded: \$305,634. Total Project Cost: \$617,054.

Inland Northwest Community Network will demonstrate a collaborative model of regional (seven) community freenets to serve a medium-sized urban area and contiguous rural counties with sparse population, rugged terrain, and often inclement weather. The model will promote economic development through business advisory services, an enhanced homework line staffed by local colleges and universities, a link to higher education programs, and a civic MUD (multiple user dimension environment), which would enable citizens to work collaboratively to plan civic activities using a virtual environment. Geographically affected by the project are six counties in Eastern Washington and Kootenai County in Idaho.

File No. 53-40-94055 Quillayute Valley School District, PO Box 60, 411 S. Spartan Avenue, Forkes, WA 98331. Contact: Mr. John O. Jones. Telephone: (206)-374-6262. Funds Awarded: \$139,163. Total Project Cost: \$278,327. Quillayute Valley School District, a rural education system, serving a predominantly Native American population, in Forks, Washington, will build a system-wide, voice, data and video, instructional network. The TCP-IP based network will be designed to provide school district, social service agencies and the community with access to WEdNet, (the Washington Education Network) and Internet. The service will also connect local tribal facilities to national network services.

WI

File No. 55-50-94087 State of Wisconsin-Department of Administration, 101 East Wilson, 8th Floor, Madison, WI 53702. Contact: Mr. Paul Nelson. Telephone: (608)-266-5667. Funds Awarded: \$331,990. Total Project Cost: \$745,575. The State of Wisconsin will conduct a planning project to integrate state and community efforts toward the goal of extending an advanced telecommunications infrastructure to the "last mile." The project will include a needs assessment, outreach, education, and organizing efforts through state/community development teams and will result in: 1) a comprehensive set of replicable models for local and regional infrastructure development and connectivity; 2) state-level network infrastructure recommendations; 3) shared tools for the delivery of information to end users that ensures friendly interface and accessibility; and 4) a framework of priorities and a timetable for development.

WV

File No. 54-40-94053 West Virginia University Research Corporation, 617 N. Spruce Street, P.O. Box 6845, Morgantown, WV 26506-6845. Contact: Ms. Mary Jane Buckland. Telephone: (304)-293-3998. Funds Awarded: \$75,049. Total Project Cost: \$151,030. The College of Human Resources and Education at West

Virginia University proposes a demonstration project to establish an infrastructure to support the reformation of education and teacher preparation in West Virginia. The project will complete a computer network infrastructure within the College of Human Resources, establish an Internet server offering information on professional development for teachers, and provide the Professional Development Schools with access to the Internet.

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