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Office of Economic Recovery & Investment

American Recovery and Reinvestment Act

ARRA Broadband Programs



Governor Beverly Perdue



Broadband and the ARRA

American Recovery and Reinvestment Act of 2009– Broadband Initiatives

U.S. Dept. of Commerce:

National Telecommunications & Information Administration (NTIA)

- Broadband Technology Opportunities Program (BTOP)
- State Broadband Data and Development Program (SBDDP)

U.S. Dept. of Agriculture:

Rural Utilities Service (RUS)

- Broadband Initiatives Program (BIP)



Program Specifics

- **Broadband Technology Opportunities Program (BTOP) under NTIA Purpose & Criteria:**
 - Grant funds for ***Broadband Infrastructure*** - last mile or middle mile service to unserved and underserved areas (up to \$1.2 B)
 - Grant funds for ***Public Computer Centers*** (up to \$50 M)
 - Grant funds for ***Sustainable Broadband Adoption*** (demand-building, education, training (up to \$150 M)
 - 20% match required
- **Broadband Infrastructure Program (BIP) under USDA-RUS Purpose & Criteria:**
 - Awards can include grants, loans or grant/load packages for ***broadband infrastructure***
 - Modeled on long-running existing RUS broadband program



1st round BIP/BTOP Broadband Timeline

- BIP/BTOP established in the ARRA
 - Feb 17
- BIP/BTOP programs developed by RUS/NTIA
 - Feb-June
- NOFA released on www.BroadbandUSA.gov
 - July 1
- Joint BTOP/BIP applications due/designation of State SBDDP
 - Aug 14



Review Timeline

- NC Service Area Review begins
 - Sept 18
- BTOP Review Committee established
 - Sept 24
- BTOP Subcommittee Meetings
 - Oct 2 (Infrastructure), Oct 5 (PCC/SBA)
- BTOP Report submitted to Governor
 - Oct 8
- Governor's Comments to NTIA
 - Oct 15



Program Timeline

- All 1st round applications due/e-NC designated as NC SBDDP, submits application
 - Aug 14
- e-NC application approved, awarded \$2 million for mapping and planning, 1 of 4 first announced awards
 - Oct 5
- Governor Perdue submits BTOP review letter to NTIA, selects the MCNC Proposal as the overall recommendation for first round of BTOP
 - Oct 15
- e-NC only SBDDP participant to complete 1st data pull
 - Nov 1



Program Timeline, continued

- NTIA announces on BroadbandUSA that 2nd and 3rd rounds of BIP/BTOP combined
 - Nov 10
- MCNC informed application moved to 2nd stage review
 - Nov 12
- To date no awards under BIP/BTOP program announced
- 2nd Round NOFA expected 1st quarter 2010



State Broadband Data and Development

e-NC's Program: **NC BRIM** (North Carolina Broadband Rigor in Mapping)

- **Mapping** – award of \$1,589,077 over 2 years, with possible additional funding for 3 more years
- **Planning** – award of \$434,799 over 5 years
- The 20% match is being met primarily through e-NC staff time and through match provided by university partners.



NCBRIM Components

- **Mapping Components:**
 - Service Provider Data from Providers
 - Service Provider Data from National Data Corporation
 - Wireless Propagation/GIS Modeling
 - Broadband Consumer Data – Local Level
- **Additional collection under Planning piece:**
 - National Survey Company to look at businesses
 - Citizen Surveys (3 surveys over 5 years)
- **All data will be housed with e-NC, allowing the opportunity for verification and assessment by the state.**
- **Oversight committee review and advise the Governor on assessment procedures.**
- **e-NC will use e-NC's existing online GIS-based map as the platform for these data updates.**



NCBRIN Progress-to-Date

- **Data Requirements**

- **Nov 1, 2009** substantially complete set of *availability data* due by Nov. 1
- **Feb 1, 2010** *substantially complete set of all broadband mapping data* due on or before Feb 1
- **Mar 1, 2010** *all data collection* must be completed by Mar 1

- **Progress-to-date**

- November 1 data delivered to NTIA
- e-NC issued 5 RFPs under SBDDP
 - Collecting broadband data at consumer level – due Dec. 16, 2009
 - Database development and maintenance – due Dec. 18, 2009
 - GIS mapping/hosting – due Wednesday, Dec. 23, 2009
 - Survey analysis of broadband adoption and strategic gaps – due Jan. 4, 2010
 - Web-enabled data mining for collection of broadband data – due Jan. 6, 2010



MCNC Program

- Application designated as the 1st round project that serves the best interest of the state.
- Middle Mile Infrastructure, expanding NCREN (NC Research and Education Network).
- \$28,225,520 project, with a cash match.
- Connecting anchor institutions with wireline fiber.
- Connecting unserved and underserved areas in the west and southeast.
- Agreements for wire swaps with providers in unserved areas to provide last-mile service.



ARRA Broadband Next Steps

- Continue Mapping efforts.
- 1st round BIP/BTOP funding announcements due soon.
- 2nd round BIP/BTOP NOFA to be released 1st quarter 2010.
- OERI BTOP Working Group to meet post 1st round award announcements.
- Possible additional federal infrastructure funds.



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