



Legislative Fiscal Bureau

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June 23, 2010

TO: Members
Joint Committee on Finance

FROM: Bob Lang, Director

SUBJECT: Administration: Governor's Section 13.10 Requests for the Use of Federal Economic Stimulus Funding for the Broadband Technology Opportunities Program -- Agenda Item X

The Governor has submitted a request dated June 14, 2010, for the approval of federal stimulus funding for expanding broadband telecommunications services to state schools and libraries from American Recovery and Reinvestment Act (ARRA) funds from the U.S. Department of Commerce's National Telecommunications and Information Administration's (NTIA) Broadband Technology Opportunities Program (BTOP). The Governor seeks approval of \$22,978,367 FED in 2009-10 under the FED-continuing federal funds appropriation [s. 20.505(1)(mb) of the statutes].

ANALYSIS

The Department of Administration (DOA) has proposed expanding fiber optic networks in 82 schools (including eight technical or community colleges) and 385 library facilities. The attachment shows the educational agencies that would receive fiber optic upgrades, as well as the cost of the upgrades for each educational agency. The federal funding provided under this grant, as well as matching state funds, would be used for the costs of an environmental assessment and infrastructure costs. Ongoing costs would not be covered under the grant.

Federal Application

In July, 2009, the U.S. Department of Commerce issued a notice of funds availability for the BTOP program, to make grants available for deploying broadband infrastructure in unserved and underserved areas; provide broadband access, awareness, training, equipment, and support to community anchor institutions (such as schools, libraries and medical facilities), organizations and

agencies serving vulnerable populations, or job-creating strategic facilities that are located in economic development areas; improved broadband access to public safety agencies; and to stimulate demand for broadband, economic growth, and job creation.

The Department of Administration submitted its request for BTOP funding on August 19, 2009, and received final confirmation of its award on March 9, 2010. The Department officially accepted the funds on April 22, 2010. The project must be substantially completed within two years of the acceptance of funds and be fully completed within three years of accepting the funds.

The Department proposes connecting 385 libraries, 74 school districts, and eight community colleges (including two tribal colleges) to the existing high-speed BadgerNet Converged Network by adding 203 miles of fiber optic facilities which would replace current copper wire infrastructure in predominately rural areas. Under the proposal, 70 of the schools would be updated by the end of 2010, and the remaining educational agencies would be completed by the end of 2011.

The Department states that the facilities added under this proposal would have broadband speeds of 100 megabits per second (Mbps) for school districts and library headquarters or 20 Mbps for all other libraries. This would allow all schools that are part of the BadgerNet Converged Network to have access to 100 Mbps and all libraries that are part of the network to have access to at least 20 Mbps.

The BadgerNet Advisory Committee and the Technology in Educational Achievement (TEACH) Advisory Committee recommended a goal of obtaining fiber optic connections to each school district and library. The BadgerNet service providers identified the current educational agencies that were using copper wires. These educational agencies were all part of the BTOP request.

The Department anticipates that the build-out of fiber optic lines would provide greater access to rural communities, including local units of government, law enforcement agencies, and private individuals and businesses, beyond the broadband service specifically added for schools and libraries. However, the statutes generally prohibit school districts from providing access to their data lines to business entities. The statutes also prohibit educational agencies from requesting additional capacity for use by other political subdivision units. However, the costs associated with environmental assessments, engineering and planning the laying of fiber optic cables and supporting equipment could reduce the costs of telecommunications companies in providing fiber optic lines to nearby governmental agencies and businesses.

Applicants for the federal broadband infrastructure funding are required to provide matching funds of at least 20% toward the eligible project cost, unless an applicant can adequately show inability to provide any ability to provide such a match. The Department of Administration would provide the 20% match with \$5,744,592 from TEACH or federal e-rate funds, which would bring the total amounts available for the project to \$28,722,959 (all funds).

The TEACH program is funded from state universal service fund assessments, which also

funds programs under the Public Service Commission, the Department of Public Instruction, and the University of Wisconsin System as indicated in Table 1. The Public Service Commission is required to assess telecommunications providers for the amounts appropriated to these agencies. The telecommunications providers are allowed to assess their customers for the state universal service fund contributions.

TABLE 1

Universal Service Fund Assessments

| <u>Agency</u> | <u>2009-10</u> | <u>2010-11</u> |
|---------------------------|------------------|------------------|
| Administration | \$17,069,100 | \$17,069,100 |
| Public Instruction | 19,644,600 | 20,411,000 |
| Public Service Commission | 5,940,000 | 5,940,000 |
| UW System | <u>1,054,800</u> | <u>1,054,800</u> |
| Total | \$43,708,500 | \$44,474,900 |

For the federal e-rate, educational agencies that are eligible for rate discounts under the federal universal service fund [47 US Code 254] may request additional lines and subsidies for those lines. The federal universal service codes specify the telecommunications carriers must provide telecommunications services to educational providers and libraries at rates less than the amounts charged for similar services to other parties at a rate sufficient to ensure affordable access. The loss of revenues due to such a discount may be counted against other federal universal service charges. If the federal government provides a subsidy (federal e-rate), those costs would be deducted from the monthly payments paid to BadgerNet providers, with the educational agency responsible for any additional costs. Generally, these revenues have been used to pay DOA's administrative costs, reimburse the state for wiring loans used for establishing BadgerNet lines, and as subsidies for additional lines.

Environmental Assessment. The federal government requires that projects have minimal effect on current land uses, wetlands, floodplains, threatened or endangered species, and cultural resources (such as historic properties). As a result, DOA would be required to complete an environmental assessment before the additional broadband connections could begin. The environmental assessment would have to include a description of the project history and a description of the geographic areas (including maps, photos or other descriptive measures) that could be impacted by the broadband additions. Alternatives must also be developed, according to the NTIA guidance worksheet. The preferred alternatives must be noted as well as the rationale for eliminating other alternatives. The Department would have to provide a comprehensive analysis of the potential direct and indirect effects of the project, as well as a complete list of permits and regulatory requirements that would have to be met in order to complete the project. The Department indicates that the environmental assessment is due by September, 2010.

Infrastructure Costs. The amounts of the federal request are based on the costs provided by BadgerNet for fiber optic installation. The cost for this installation for these 467 educational agencies would range from \$5,540 to \$582,930, with an average cost of \$59,758.

Ongoing Costs. According to the federal application, the BadgerNet providers would assess schools \$1,695/month for 20 Mbps and \$2,095/month for 100 Mbps service. Under current statutes, these educational agencies would pay no more than \$250 a month while DOA would pay the remainder from USF assessments. According to the federal application, DOA intends to assess educational agencies \$100 a month for 20 Mbps and \$250 a month for 100 Mbps.

Current Law

Under current law, DOA is required to promote efficient and cost-effective procurement, installation and maintenance of educational technology in school districts, cooperative educational service agencies, technical college districts, and the UW System. The Department is also required to provide telecommunications access to educational agencies under the technology for educational achievement program (referred to as "TEACH"), which was created in 1997 Act 27 (1997-99 biennial budget) to help schools and libraries obtain voice and data line access.

Under current law, "educational agency" is defined as a school district, charter school sponsor, juvenile correctional facility, private school, cooperative educational service agency, technical college district, private college, public library system, public library board, public museum, the Wisconsin Center for the Blind and Visually Impaired, or the Wisconsin Educational Services Program for the Deaf and Hard of Hearing.

The Department must promulgate rules for providing educational agencies with access to data lines and video links. Educational agencies may, in general, request one data link or video link. The educational agencies must pay \$100 a month for access to data or video lines that rely on transport medium operating at 1.544 megabytes per second or up to \$250 per month for data or video lines that operate at a higher speed.

BadgerNet was established by the state through a contract with AT&T (formerly Ameritech) to provide networked, statewide data and video communications. The contract requires AT&T to work with local telecommunications companies to ensure network availability. The current federal grant application indicates that all educational agencies currently have access to a minimum of 1.5 Mbps of broadband through BadgerNet. Currently, the BadgerNet Converged Network supports voice, data, and video throughout the state.

Funding Resources

Currently, the Department subsidizes the costs of the educational agencies through five segregated biennial appropriations that are supported through the state's universal service fund (USF), totaling \$17,069,100 SEG annually, including TEACH costs for: (a) school districts, and cooperative educational service agencies (\$11,190,700 SEG annually); (b) private colleges,

technical college districts, public library boards, public library systems, public museums, and a consortium of schools that develop curriculum that will be shared via videoconferencing and online course work (\$5,015,300 SEG annually); (c) private schools (\$694,300 SEG annually); (d) the Wisconsin Center for the Blind and Visually Impaired and the Wisconsin Educational Services Program for the Deaf and Hard of Hearing (\$82,500 SEG annually); and (e) juvenile correction facilities (\$86,300 SEG annually). The Department also has a federal continuing appropriation for the receipt and disbursement of e-rate funds (estimate of \$5,422,400 FED in 2009-10) for additional data line supplements to the extent that educational agencies qualify for additional data or video lines. The Department has not indicated the amount of in-kind funds (totaling \$5,744,592) that would be diverted from any of these appropriations, stating that "the Department is evaluating the option that is most optimal to the TEACH program."

The Department was asked whether the current amounts appropriated would be sufficient for the additional cost of matching the federal funds. The Department indicated that based on which funding source was ultimately chosen, DOA "will request an increase in expenditure authority if appropriate." The Department also states that the amounts expended for the federal match, depending on contract negotiations with BadgerNet, "should be offset by the anticipated reduction in rates."

The Department states that since the e-rate funds are monies that have been refunded by telecommunications companies for payments made by the federal government and educational agencies, that the funds could be used for the federal match. In a June 7, 2010, memorandum to agency heads regarding 2009-10 lapse instructions pertaining to 2009 Wisconsin Act 28, DOA has identified the e-rate funds as the source of \$7 million of all-agency lapses. As of May 31, 2010, the unappropriated balance in the appropriation was \$6.3 million, though the Department had not expended \$5.3 million of the authorized budget authority as of that date.

Contract with BadgerNet

Current Contract. Under the federal application, DOA indicated that the current contract with BadgerNet providers expires in November, 2016. The current contract runs until November, 2011, and has five one-year extension options. The Department and AT&T have indicated that extensions and costs related to those extensions are currently being negotiated. Table 2 shows the rates charged by BadgerNet providers for various levels of network capacity.

TABLE 2

Current BadgerNet Monthly Assessments

| <u>Network Speed</u> | <u>State USF Costs</u> | <u>Educational Agency Costs</u> | <u>Total Paid to BadgerNet</u> |
|----------------------|----------------------------|-------------------------------------|------------------------------------|
| 1.5 MB | \$500 | \$100 | \$600 |
| 3 MB | 900 | 100 | 1,000 |
| 5 MB | 1,200 | 250 | 1,450 |
| 10 MB | 1,600 | 250 | 1,850 |
| 15 MB | 2,000 | 250 | 2,250 |
| 20 MB | 2,200 | 250 | 2,450 |
| 25 MB | 2,500 | 250 | 2,750 |
| 30 MB | 3,300 | 250 | 3,550 |
| 45 MB | 4,000 | 250 | 4,250 |
| 100 MB | 5,000 | 250 | 5,250 |
| Video Link | 2,035 | 250 | 2,285 |

Even though the statutes authorize the DOA to assess up to \$250 per month for network speeds exceeding 1.544 Mbps, DOA is currently assessing \$250 per month for speeds exceeding 3 Mbps. Under the federal application, DOA indicates that it would only assess \$250 per month for the educational agencies that received 100 Mbps and \$100 per month for those receiving 20 Mbps. Under the current contract, any educational agency that received network access of 100 Mbps would be charged \$250 per month; while the state's TEACH appropriations would be charged \$5,000 per month. Therefore, an educational agency that moved from 3 Mbps to 100 Mbps would have an increased assessment of \$150 per month, while the state share would increase \$4,100 per month (from the current subsidy of \$900 to \$5,000 a month).

The Department has provided a current assessment list for schools and libraries. Currently, there are 477 schools that are assessed for their connection to the BadgerNet Converged Network, 110 of which have network access of 3 Mbps or less and, therefore, pay \$100 per month for there service. If all 477 of these schools moved to 100 Mbps, the total costs to the school districts (plus new costs associated with 15 schools that are part of the federal grant that are not currently using BadgerNet services), would increase by \$243,000 per year. Since the TEACH program supports the remainder of the fee, the state's share would increase by \$16,149,700 per year to fully fund schools at the current contract price.

There are currently 411 libraries that receive BadgerNet services, 386 of them are currently using less than 20 Mbps. An additional four libraries that are part of the federal broadband request are currently receiving no BadgerNet services. Under the current contract, assuming that all libraries went to 20 Mbps (unless the library system already uses a greater amount) then library costs would decrease by \$15,000, and assessments to the state would increase by \$7,522,400 per year to fully fund libraries.

Federal Grant Proposal. Under the federal grant proposal, DOA indicates that BadgerNet providers would reduce total rates to \$1,695 per month for 20 Mbps and \$2,095 total for 100 Mbps. AT&T has confirmed that this rate has been offered, under the assumption that that the contract would be extended for the full five years (date ending November, 2016, rather than November, 2011). AT&T indicates that smaller reductions may be available for shorter period contract extensions, but the best rate is offered under the five-year option due to a longer cost recovery period.

If DOA were to accept this extension, there would still be potential increases to the total state costs, based mainly on the large quantity of schools that would move from relatively low speeds (about 66% are currently operating at 1.5 Mbps and assessments at that speed total \$600 per month). If all educational agencies requested the maximum speed, then it could be estimated that total costs would increase by \$2,011,600 annually.

It should be noted that the federal broadband grant would only upgrade the network and would not require educational agencies to increase the amount of network speed requested or paid for. The amounts shown in Table 3 are intended to represent the ceiling of increases that assume that every educational agency that is part of the BadgerNet network would request the greatest amount of access available.

It is likely that educational institutions will want some level of increased network speeds, should they become available. If educational agencies request additional network capacity, then depending on the amount of total capacity requested, the state could face significant increases in total TEACH costs. These costs could be addressed in a number of ways including, but not limited to, increasing USF assessments, increasing the amounts that educational agencies pay for access, limiting the amount of schools that would receive supplemental funding, or requesting additional federal e-rate funds. However, in the federal application, DOA stated its intent to have the TEACH program subsidize any additional expenses associated with an increase in school and library bandwidth. If the USF appropriations were increased by future legislative actions, the Public Service Commission would assess telecommunications companies for the additional amount.

Table 3 summarizes the current costs for school districts and libraries compared to the potential cost increases under the current contract and under the proposed five-year extension of the contract.

TABLE 3

Yearly BadgerNet Costs

| | <u>Schools</u> | <u>Libraries</u> | <u>Total</u> |
|---|-------------------|-------------------|-------------------|
| Current | | | |
| Educational Agency Contributions* | \$1,233,000 | \$538,200 | \$1,771,200 |
| TEACH Contributions | <u>13,370,300</u> | <u>3,712,100</u> | <u>17,082,400</u> |
| Total BadgerNet Payments | \$14,603,300 | \$4,250,300 | \$18,853,600 |
| Cost of 100 and 20 Mbps Under Current Contract** | | | |
| Educational Agency Contributions* | \$1,476,000 | \$523,200 | \$1,999,200 |
| TEACH Contributions | <u>29,520,000</u> | <u>11,234,500</u> | <u>40,754,500</u> |
| Total BadgerNet Payments | \$30,996,000 | \$11,757,700 | \$42,753,700 |
| Change | \$16,392,700 | \$7,507,400 | \$23,900,100 |
| Cost of 100 and 20 Mbps Under Federal Grant** | | | |
| Educational Agency Contributions* | \$1,476,000 | \$523,200 | \$1,999,200 |
| TEACH Contributions | <u>10,892,900</u> | <u>7,973,100</u> | <u>18,866,000</u> |
| Total BadgerNet Payments | \$12,368,900 | \$8,496,300 | \$20,865,200 |
| Change | -\$2,234,400 | \$4,246,000 | \$2,011,600 |

* The request would provide broadband wiring to an additional 15 schools and four library networks that are not currently BadgerNet users.

** Libraries are assumed at 20 Mbps except for the facilities that already have higher capacity, which are calculated at the same rate.

Discussion

As noted above, DOA has not identified a source for \$5.7 million of state match required under the federal grant. The Department indicates that this proposal would not cause an increase in USF assessments, but it would appear that some amount of funds that are currently dedicated to subsidizing assessments in 2009-11 biennium would have to be diverted to help pay the costs of expanding broadband capacity. It is possible that some of these costs could be offset by overall charge reductions, and if educational agency requests for additional capacity were not immediately granted.

The current contract between the state and BadgerNet providers is scheduled to end in November, 2011. As of this writing, DOA has not extended the contract to the period indicated in the federal application (November, 2016). Though DOA and AT&T have indicated the potential costs of a five-year extension, it is unknown whether that contract extension will occur. The Department of Administration indicates that 70 schools would receive expanded broadband service by the end of 2010, meaning that expanded service requests could affect the current biennial budget, should expanded service be provided.

Though it is unlikely, it is also possible that the contract would not be extended, which could call into question whether \$28.7 million should be given to the BadgerNet consortium for updating broadband lines. If the state did not wish to renew contract past October, 2011, the state schools and libraries could receive limited return on that investment if the state decided to move to a new network provider.

Both DOA and a representative of AT&T have indicated that the contract could be extended for up to five years. However, the Department does not believe that lack of an extension would jeopardize the grant, as long as the state completes the project on time. The Department stated, "the grant can be executed, work can be completed and rates charged to the State can be negotiated and modified within the current contract. The contract is in effect for 17 more months and DOA is currently in discussions to consider all contract terms including rates charged to the State, revenue guarantees and the length of an extension."

Given the ongoing nature of contract negotiations, the Committee could consider delaying consideration of this request until: (a) a decision is made about whether to extend the current BadgerNet contract; (b) the Department has determined the source of the state match; and (c) the impact on future USF assessments can be determined. However, DOA argues that such a delay could cause a delay in the environmental assessment (due in September) as well as the state's ability to complete the contract requirements by the required completion date of April 22, 2013. Alternatively, the Committee could approve the \$22,978,400 FED in 2009-10 and require DOA to submit information to the Committee by September 1, 2010.

ALTERNATIVES

1. Approve \$22,978,400 FED in 2009-10 of federal economic stimulus funds for broadband technology infrastructure under the Department of Administration's FED-continuing federal aids appropriation [s. 20.505(1)(mb) of the statutes].

2. In addition to Alternative 1, require the Department of Administration to provide the following information to the Joint Committee on Finance by September 1, 2010: (a) the sources of the state match for broadband technology infrastructure; (b) the status of a contract extension between the state and BadgerNet providers; and (c) an estimate of the cost to educational agencies and the state's universal service fund for Technology in Educational Achievement programs for the 2009-11 and 2011-13 biennia.

3. Delay approval of the request until the Department of Administration provides the following: (a) the sources of the state funding match; and (b) verification of a contract extension and information on the likely impact on the universal service fund appropriations for Technology in Educational Achievement.

4. Deny the request.

Prepared by: Darin Renner
Attachment

ATTACHMENT

Educational Agencies that would Receive Broadband Infrastructure Improvements

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|----------------------------------|-------------------|--|---|
| Abbotsford Public Library | Abbotsford | 20 | \$65,905 |
| Adams County Library | Adams | 20 | 99,425 |
| Algoma Public Library | Algoma | 20 | 33,555 |
| Alma Public Library | Alma | 20 | 33,042 |
| Altoona Public Library | Altoona | 20 | 50,965 |
| Amery Public Library | Amery | 20 | 105,039 |
| Antigo Public Library | Antigo | 20 | 86,743 |
| Arcadia Free Public Library | Arcadia | 20 | 20,564 |
| Argyle Public Library | Argyle | 20 | 43,951 |
| Bad River Public Library | Ashland | 20 | 24,418 |
| Vaughn Public Library | Ashland | 20 | 48,234 |
| Athens Branch Library | Athens | 20 | 118,300 |
| Augusta Memorial Public Library | Augusta | 20 | 79,565 |
| McArdle Library | Baileys Harbor | 20 | 108,875 |
| Baldwin Public Library | Baldwin | 20 | 23,136 |
| Balsam Lake Public Library | Balsam Lake | 20 | 12,137 |
| Polk County Library Federation | Balsam Lake | 20 | 38,005 |
| John Bosshard Memorial Library | Bangor | 20 | 57,933 |
| Baraboo Public Library | Baraboo | 20 | 9,321 |
| Barneveld Public Library | Barneveld | 20 | 124,509 |
| Barron County Library Service | Barron | 20 | 31,040 |
| Barron Public Library | Barron | 20 | 43,132 |
| Bayfield Carnegie Public Library | Bayfield | 20 | 24,784 |
| Beaver Dam Community Library | Beaver Dam | 20 | 67,440 |
| Belleville Public Library | Belleville | 20 | 125,781 |
| John Turgeson Public Library | Belmont | 20 | 26,235 |
| Beloit Public Library | Beloit | 20 | 64,733 |
| Benton Public Library | Benton | 20 | 20,897 |
| Berlin Public Library | Berlin | 20 | 13,315 |
| Big Bend Village Library | Big Bend | 20 | 27,775 |
| Black Creek Village Library | Black Creek | 20 | 40,081 |
| Black Earth Public Library | Black Earth | 20 | 35,740 |
| Black River Falls Public Library | Black River Falls | 20 | 14,511 |
| Blair-Preston Public Library | Blair | 20 | 56,584 |
| Blanchardville Public Library | Blanchardville | 20 | 21,790 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|---|------------------|--------------------------------------|---|
| Bloomington Public Library | Bloomington | 20 | \$19,145 |
| Bonduel Branch Library | Bonduel | 20 | 65,641 |
| Boscobel Public Library | Boscobel | 20 | 7,708 |
| Boulder Junction Public Library | Boulder Junction | 20 | 31,825 |
| Boyceville Public Library | Boyceville | 20 | 7,740 |
| Brandon Public Library | Brandon | 20 | 35,499 |
| Brillion Public Library | Brillion | 20 | 160,149 |
| Brodhead Memorial Public Library - Note 3 | Brodhead | 20 | 126,005 |
| Brown Deer Public Library | Brown Deer | 20 | 37,757 |
| Brownsville Public Library | Brownsville | 20 | 159,144 |
| Bruce Area Public Library | Bruce | 20 | 41,349 |
| Burlington Public Library | Burlington | 20 | 25,132 |
| Butler Public Library | Butler | 20 | 29,594 |
| Forest Lodge Library | Cable | 20 | 44,574 |
| Cadott Community Library | Cadott | 20 | 7,007 |
| Jane Morgan Memorial Library | Cambria | 20 | 16,649 |
| Cambridge Community Library | Cambridge | 20 | 107,391 |
| Cameron Public Library | Cameron | 20 | 29,206 |
| Campbellsport Public Library | Campbellsport | 20 | 104,570 |
| Torkelson Memorial Library | Cashton | 20 | 11,023 |
| Eckstein Memorial Library | Cassville | 20 | 29,413 |
| Cedar Grove Public Library | Cedar Grove | 20 | 160,000 |
| Cedarburg Public Library | Cedarburg | 20 | 34,317 |
| Centuria Public Library | Centuria | 20 | 41,093 |
| Calhoun Memorial Library | Chetek | 20 | 5,688 |
| Chilton Public Library | Chilton | 20 | 141,600 |
| Chippewa Falls Public Library | Chippewa Falls | 20 | 35,867 |
| Clear Lake Public Library | Clear Lake | 20 | 50,058 |
| Clinton Public Library | Clinton | 20 | 105,327 |
| Clintonville Public Library | Clintonville | 20 | 45,848 |
| Cobb Public Library | Cobb | 20 | 137,572 |
| Colby Public Library | Colby | 20 | 99,195 |
| Coleman-Pound Branch Library | Coleman | 20 | 45,689 |
| Colfax Public Library | Colfax | 20 | 11,404 |
| Coloma Public Library | Coloma | 20 | 95,445 |
| Columbus Public Library | Columbus | 20 | 212,107 |
| Knutson Memorial Library | Coon Valley | 20 | 35,822 |
| Cornell Public Library | Cornell | 20 | 8,472 |
| Crandon Public Library | Crandon | 20 | 48,061 |
| Crivitz Area Branch Library | Crivitz | 20 | 12,116 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|---------------------------------------|---------------|--------------------------------------|---|
| Rosemary Garfoot Public Library | Cross Plains | 20 | \$23,745 |
| Cuba City Public Library | Cuba City | 20 | 33,746 |
| Cudahy Public Library | Cudahy | 20 | 42,867 |
| Cumberland Public Library | Cumberland | 20 | 46,494 |
| Darien Public Library | Darien | 20 | 148,528 |
| Darlington Public Library | Darlington | 20 | 14,826 |
| Deer Park Public Library | Deer Park | 20 | 41,760 |
| Deerfield Public Library | Deerfield | 20 | 116,292 |
| Deforest Area Public Library | DeForest | 20 | 7,855 |
| Delafield Public Library | Delafield | 20 | 18,334 |
| Aram Public Library | Delavan | 20 | 165,327 |
| Dickeyville Public Library | Dickeyville | 20 | 42,094 |
| Dodgeville Public Library | Dodgeville | 20 | 113,216 |
| Dorchester Public Library | Dorchester | 20 | 11,034 |
| Dresser Public Library | Dresser | 20 | 25,178 |
| Drummond Public Library | Drummond | 20 | 31,906 |
| Alice Baker Memorial Public Library | Eagle | 20 | 34,529 |
| Olson Memorial Library | Eagle River | 20 | 81,682 |
| East Troy Lions Public Library | East Troy | 20 | 29,106 |
| L.E. Phillips Memorial Public Library | Eau Claire | 20 | 35,927 |
| Edgar Branch Library | Edgar | 20 | 66,883 |
| Edgerton Public Library | Edgerton | 20 | 109,350 |
| Egg Harbor Library | Egg Harbor | 20 | 131,704 |
| Elkhart Lake Public Library | Elkhart Lake | 20 | 140,340 |
| Matheson Memorial Library | Elkhorn | 20 | 49,183 |
| Ellsworth Public Library | Ellsworth | 20 | 130,106 |
| Elm Grove Public Library | Elm Grove | 20 | 33,192 |
| Elmwood Public Library | Elmwood | 20 | 20,445 |
| Elroy Public Library | Elroy | 20 | 19,812 |
| Ephram Library | Ephraim | 20 | 133,494 |
| Ettrick Public Library | Ettrick | 20 | 18,160 |
| Eager Free Public Library | Evansville | 20 | 49,763 |
| Fall Creek Public Library | Fall Creek | 20 | 46,589 |
| Fish Creek Library | Fish Creek | 20 | 112,463 |
| Fontana Public Library | Fontana | 20 | 233,244 |
| Forestville Library | Forestville | 20 | 53,526 |
| Dwight Foster Public Library | Fort Atkinson | 20 | 93,995 |
| Fox Lake Public Library | Fox Lake | 20 | 19,565 |
| Franklin Public Library | Franklin | 20 | 33,864 |
| Frederic Public Library | Frederic | 20 | 8,472 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|---|---------------|--------------------------------------|---|
| Neuschafer Community Library | Fremont | 20 | \$15,378 |
| Galesville Public Library | Galesville | 20 | 45,123 |
| Gays Mills Public Library | Gays Mills | 20 | 49,502 |
| Genoa City Public Library | Genoa City | 20 | 194,075 |
| Germantown Community Library | Germantown | 20 | 43,422 |
| Gillett Public Library | Gillett | 20 | 12,849 |
| Western Taylor County Public Library | Gilman | 20 | 77,367 |
| North Shore Library | Glendale | 20 | 50,185 |
| Glenwood City Public Library | Glenwood City | 20 | 47,871 |
| U.S.S. Liberty Memorial Public Library | Grafton | 20 | 39,227 |
| Samson Memorial Library | Granton | 20 | 16,891 |
| Nicolet Federated Library System | Green Bay | 20 | 15,564 |
| Caestecker Public Library | Green Lake | 20 | 49,635 |
| Greendale Public Library | Greendale | 20 | 30,395 |
| Greenfield Public Library | Greenfield | 20 | 33,610 |
| Greenwood Public Library | Greenwood | 20 | 29,148 |
| Hales Corners Public Library | Hales Corners | 20 | 37,186 |
| Hammond Community Library | Hammond | 20 | 44,390 |
| Hancock Public Library | Hancock | 20 | 114,477 |
| Hartford Public Library | Hartford | 20 | 36,626 |
| Hartland Public Library | Hartland | 20 | 28,985 |
| Hatley Public Library | Hatley | 20 | 128,119 |
| Hayward Carnegie Library | Hayward | 20 | 10,363 |
| Hillsboro Public Library | Hillsboro | 20 | 41,050 |
| La Crosse County Library - Holmen | Holmen | 20 | 15,801 |
| Horicon Public Library | Horicon | 20 | 180,547 |
| Hortonville Public Library | Hortonville | 20 | 129,545 |
| Hudson Public Library | Hudson | 20 | 86,810 |
| Hurley Public Library | Hurley | 20 | 11,945 |
| Hustisford Public Library | Hustisford | 20 | 170,920 |
| Iola Village Library | Iola | 20 | 36,022 |
| Iron Ridge Public Library | Iron Ridge | 20 | 582,930 |
| Evelyn Goldberg Briggs Memorial Library | Iron River | 20 | 22,144 |
| Jefferson Public Library | Jefferson | 20 | 27,138 |
| Johnson Creek Public Library | Johnson Creek | 20 | 18,104 |
| Juneau Public Library | Juneau | 20 | 138,416 |
| Kaukauna Public Library | Kaukauna | 20 | 47,958 |
| Kendall Public Library | Kendall | 20 | 5,688 |
| Kenosha Public Library - Northside | Kenosha | 20 | 80,966 |
| Kenosha Public Library - Simmons | Kenosha | 20 | 28,829 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|--|-----------------|--------------------------------------|---|
| Kenosha Public Library - Southwest | Kenosha | 20 | \$39,953 |
| Kenosha Public Library - Uptown | Kenosha | 20 | 26,523 |
| Menominee Tribal County Library | Keshena | 20 | 33,058 |
| Kewaskum Public Library | Kewaskum | 20 | 135,290 |
| Kewaunee Public Library | Kewaunee | 20 | 51,794 |
| Kiel Public Library | Kiel | 20 | 142,336 |
| James J Siebers Memorial Library | Kimberly | 20 | 73,867 |
| Mill Pond Public Library | Kingston | 20 | 19,378 |
| Kohler Public Library | Kohler | 20 | 97,011 |
| La Crosse County Library - Campbell | La Crosse | 20 | 10,686 |
| La Crosse Public Library - North | La Crosse | 20 | 34,077 |
| La Crosse Public Library-South | La Crosse | 20 | 5,908 |
| Ben Guthrie-Lac Du Flambeau Public Library | Lac du Flambeau | 20 | 103,195 |
| Rusk County Community Library | Ladysmith | 20 | 22,396 |
| Lawton Memorial Library | Lafarge | 20 | 27,510 |
| Lake Geneva Public Library | Lake Geneva | 20 | 55,832 |
| L D Fargo Public Library | Lake Mills | 20 | 138,446 |
| Imogene McGrath Memorial Library | Lake Nebagamon | 20 | 32,845 |
| Lakes Country Public Library | Lakewood | 20 | 25,673 |
| Schreiner Memorial Library | Lancaster | 20 | 44,158 |
| Land O' Lakes Public Library | Land O'Lakes | 20 | 134,478 |
| Madeline Island Public Library | LaPointe | 20 | 29,678 |
| Lena Public Library | Lena | 20 | 50,233 |
| Gerard H Van Hoof Memorial Library | Little Chute | 20 | 126,561 |
| Lodi Woman's Club Public Library | Lodi | 20 | 119,824 |
| Lomira Public Library | Lomira | 20 | 152,732 |
| Lone Rock Community Library | Lone Rock | 20 | 106,424 |
| Lowell Public Library | Lowell | 20 | 103,985 |
| Loyal Public Library | Loyal | 20 | 74,982 |
| Luck Public Library | Luck | 20 | 31,600 |
| Alicia Ashman Branch Library | Madison | 20 | 9,065 |
| Hawthorne Branch | Madison | 20 | 33,870 |
| Lakeview Branch | Madison | 20 | 47,539 |
| Meadowridge Branch | Madison | 20 | 39,395 |
| Monroe Street Branch | Madison | 20 | 35,390 |
| Pinney Branch | Madison | 20 | 35,360 |
| Sequoia Branch | Madison | 20 | 36,882 |
| Sequoia Public Library | Madison | 20 | 30,792 |
| South Central Administration - Note 4 | Madison | 20 | 30,792 |
| South Madison Branch | Madison | 20 | 37,306 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|---|-------------------|--------------------------------------|---|
| Sturm Public Library | Manawa | 20 | \$24,656 |
| Koller Memorial Library | Manitowish Waters | 20 | 25,332 |
| Manitowoc Public Library | Manitowoc | 20 | 100,905 |
| Marathon Branch Library | Marathon | 20 | 123,610 |
| Stephenson Public Library | Marinette | 20 | 16,147 |
| Marion Public Library | Marion | 20 | 43,266 |
| Markesan Public Library | Markesan | 20 | 30,055 |
| Marshall Community-E.P. Sorenson Public Library | Marshall | 20 | 164,897 |
| Marshfield Public Library - Note 2 | Marshfield | 20 | 75,861 |
| Mattoon-Hutchins Community Library | Mattoon | 20 | 113,617 |
| Mauston Public Library | Mauston | 20 | 79,971 |
| Mayville Public Library | Mayville | 20 | 143,701 |
| Mazomanie Free Library | Mazomanie | 20 | 52,699 |
| Mc Farland Public Library | McFarland | 20 | 107,043 |
| Frances L. Simek Memorial Library Medford | Medford | 20 | 7,493 |
| Legion Memorial Library | Mellen | 20 | 80,488 |
| Menomonee Falls Public Library | Menomonee Falls | 20 | 62,211 |
| Menomonie Public Library | Menomonie | 20 | 48,690 |
| Frank L. Weyenberg Library | Mequon | 20 | 50,185 |
| Mercer Public Library | Mercer | 20 | 75,347 |
| T.B. Scott Free Library | Merrill | 20 | 13,173 |
| Middleton Public Library | Middleton | 20 | 40,232 |
| Milltown Public Library | Milltown | 20 | 40,993 |
| Milton Public Library | Milton | 20 | 38,243 |
| Mineral Point Public Library | Mineral Point | 20 | 104,874 |
| Minocqua Public Library | Minocqua | 20 | 84,228 |
| Mondovi Public Library | Mondovi | 20 | 41,124 |
| Monroe Public Library | Monroe | 20 | 19,861 |
| Montello Public Library | Montello | 20 | 72,938 |
| Joseph Dessert Branch Library | Mosinee | 20 | 40,058 |
| Mount Horeb Public Library | Mt Horeb | 20 | 23,658 |
| Mukwonago Community Library | Mukwonago | 20 | 25,660 |
| Muscoda Public Library | Muscoda | 20 | 9,205 |
| Muskego Public Library | Muskego | 20 | 43,715 |
| Necedah Memorial Library | Necedah | 20 | 50,242 |
| Neshkoro Public Library | Neshkoro | 20 | 10,237 |
| New Berlin Public Library | New Berlin | 20 | 37,566 |
| New Glarus Public Library | New Glarus | 20 | 47,564 |
| New Holstein Public Library | New Holstein | 20 | 154,943 |
| New Lisbon Memorial Library | New Lisbon | 20 | 37,280 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|-------------------------------------|-------------------|--------------------------------------|---|
| New London Public Library | New London | 20 | \$38,518 |
| Carleton A. Friday Memorial Library | New Richmond | 20 | 45,594 |
| Niagara Branch Public Library | Niagara | 20 | 19,226 |
| Spillman Public Library | North Fond Du Lac | 20 | 54,086 |
| North Freedom Public Library | North Freedom | 20 | 7,782 |
| Town Hall Library | North Lake | 20 | 26,245 |
| Norwalk Public Library | Norwalk | 20 | 8,531 |
| Oak Creek Public Library | Oak Creek | 20 | 31,414 |
| Oakfield Public Library | Oakfield | 20 | 141,349 |
| Oconomowoc Public Library | Oconomowoc | 20 | 35,811 |
| Farnsworth Public Library | Oconto | 20 | 51,772 |
| Oconto Falls Community Library | Oconto Falls | 20 | 11,200 |
| Carter Memorial Library | Omro | 20 | 46,055 |
| Onalaska Public Library | Onalaska | 20 | 6,640 |
| Oneida Community Library | Oneida | 20 | 73,574 |
| Ontario Public Library | Ontario | 20 | 40,726 |
| Oostburg Public Library | Oostburg | 20 | 185,602 |
| Oregon Public Library | Oregon | 20 | 107,611 |
| Orfordville Public Library | Orfordville | 20 | 106,204 |
| Osceola Public Library | Osceola | 20 | 31,040 |
| Owen Public Library | Owen | 20 | 77,192 |
| Oxford Public Library | Oxford | 20 | 18,027 |
| Packwaukee Public Library | Packwaukee | 20 | 18,027 |
| Powers Memorial Library | Palmyra | 20 | 44,913 |
| Angie W. Cox Public Library | Pardeeville | 20 | 80,914 |
| Park Falls Public Library | Park Falls | 20 | 26,819 |
| Pepin Public Library | Pepin | 20 | 16,272 |
| Peshtigo Branch Public Library | Peshtigo | 20 | 51,376 |
| Pewaukee Public Library | Pewaukee | 20 | 43,422 |
| Eleanor Ellis Public Library | Phelps | 20 | 73,108 |
| Phillips Public Library | Phillips | 20 | 35,822 |
| Plain Public Library | Plain | 20 | 116,248 |
| Plainfield Public Library | Plainfield | 20 | 85,966 |
| Plum City Public Library | Plum City | 20 | 9,982 |
| Plymouth Public Library | Plymouth | 20 | 134,716 |
| W.J. Niederkorn Public Library | Port Washington | 20 | 50,370 |
| Portage Public Library | Portage | 20 | 84,582 |
| Potosi Branch Library | Potosi | 20 | 27,909 |
| Poy Sippi Public Library | Poy Sippi | 20 | 15,550 |
| Poynette Public Library | Poynette | 20 | 44,474 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|-----------------------------------|---------------------|--------------------------------------|---|
| Leon-Saxeville Township Library | POYSIPPI/Pine River | 20 | \$157,982 |
| Prairie Du Chien Memorial Library | Prairie du Chien | 20 | 15,068 |
| Prairie Du Sac Public Library | Prairie du Sac | 20 | 141,538 |
| Prescott Public Library | Prescott | 20 | 46,627 |
| Irma Stein Public Library | Presque Isle | 20 | 38,478 |
| Winchester Public Library | Presque Isle | 20 | 29,040 |
| Princeton Public Library | Princeton | 20 | 29,690 |
| Racine Public Library | Racine | 20 | 138,880 |
| Hutchinson Memorial Library | Randolph | 20 | 25,706 |
| Lakeview Community Library | Random Lake | 20 | 137,796 |
| Redgranite Public Library | Red Granite | 20 | 25,293 |
| Reedsburg Public Library | Reedsburg | 20 | 117,487 |
| Reeseville Public Library | Reeseville | 20 | 24,064 |
| Rhineland District Library | Rhineland | 20 | 33,209 |
| Rib Lake Public Library | Rib Lake | 20 | 42,257 |
| Rice Lake Public Library | Rice Lake | 20 | 7,278 |
| Brewer Public Library | Richland Center | 20 | 88,956 |
| Ripon Public Library | Ripon | 20 | 20,313 |
| River Falls Public Library | River Falls | 20 | 97,888 |
| Hazel Mackin Community Library | Roberts | 20 | 141,439 |
| Rochester Public Library | Rochester | 20 | 61,411 |
| Saint Francis Public Library | Saint Francis | 20 | 26,771 |
| Community Library -- Salem | Salem | 20 | 198,773 |
| Sauk City Public Library | Sauk City | 20 | 170,116 |
| Oscar Grady Library | Saukville | 20 | 46,900 |
| Plum Lake Public Library | Sayner | 20 | 107,156 |
| Ellison Public Library | Scandinavia | 20 | 25,884 |
| Green Earth Branch Library | Semour/DePere | 20 | 311,791 |
| Muehl Public Library | Seymour | 20 | 23,271 |
| Brigham Memorial Library | Sharon | 20 | 45,447 |
| Shawano City-County Library | Shawano | 20 | 40,921 |
| Mead Public Library | Sheboygan | 20 | 115,912 |
| Sheboygan Falls Memorial Library | Sheboygan Falls | 20 | 71,263 |
| Shell Lake Public Library | Shell Lake | 20 | 5,541 |
| Shiocton Public Library | Shiocton | 20 | 45,310 |
| Shorewood Public Library | Shorewood | 20 | 40,876 |
| McCoy Public Library | Shullsburg | 20 | 18,530 |
| Community Library -- Silver Lake | Silver Lake | 20 | 136,582 |
| Sister Bay Library | Sister Bay | 20 | 127,512 |
| Slinger Community Library | Slinger | 20 | 183,490 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|------------------------------------|-------------------|--------------------------------------|---|
| Soldiers Grove Public Library | Soldiers Grove | 20 | \$219,366 |
| Joan Salmen Memorial Library | Solon Springs | 20 | 11,593 |
| Somerset Public Library | Somerset | 20 | 47,932 |
| South Milwaukee Public Library | South Milwaukee | 20 | 43,024 |
| Sparta Free Library | Sparta | 20 | 10,788 |
| Spencer Branch Library | Spencer | 20 | 78,876 |
| Spooner Memorial Library | Spooner | 20 | 16,350 |
| Spring Green Community Library | Spring Green | 20 | 147,812 |
| Spring Valley Public Library | Spring Valley | 20 | 30,970 |
| Saint Croix Falls Public Library | St. Croix Falls | 20 | 15,727 |
| D.R. Moon Memorial Library | Stanley | 20 | 7,740 |
| Jean M. Thomsen Public Library | Stetsonville | 20 | 11,034 |
| Stoughton Public Library | Stoughton | 20 | 43,712 |
| Stratford Branch Library | Stratford | 20 | 81,494 |
| Strum Public Library | Strum | 20 | 63,623 |
| Door County Library | Sturgeon Bay | 20 | 87,647 |
| Sun Prairie Public Library | Sun Prairie | 20 | 134,555 |
| Superior Public Library | Superior | 20 | 11,227 |
| Suring Area Public Library | Suring | 20 | 49,134 |
| Pauline Haass Public Library | Sussex | 20 | 31,243 |
| Taylor Memorial Library | Taylor | 20 | 9,572 |
| Theresa Public Library | Theresa | 20 | 139,753 |
| Thorp Public Library | Thorp | 20 | 7,740 |
| Edward U. Demmer Memorial Library | Three Lakes | 20 | 170,982 |
| Tigerton Branch Library | Tigerton | 20 | 44,766 |
| Tomah Public Library | Tomah | 20 | 8,106 |
| Tomahawk Public Library | Tomahawk | 20 | 72,040 |
| Shirley M. Wright Memorial Library | Trempealeau | 20 | 30,823 |
| Turtle Lake Public Library | Turtle Lake | 20 | 33,754 |
| Community Library -- Twin Lakes | Twin Lakes | 20 | 134,880 |
| Lester Public Library | Two Rivers | 20 | 174,574 |
| Graham Public Library | Union Grove | 20 | 46,040 |
| Verona Public Library | Verona | 20 | 52,772 |
| Viola Public Library | Viola | 20 | 32,890 |
| Mcintosh Memorial Library | Viroqua | 20 | 29,956 |
| Walworth Memorial Library | Walworth | 20 | 138,471 |
| Washburn Public Library | Washburn | 20 | 10,055 |
| Washington Island Library | Washington Island | 20 | 121,761 |
| Waterford Public Library | Waterford | 20 | 21,920 |
| Karl Junginger Memorial Library | Waterloo | 20 | 137,164 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|---|-----------------|--------------------------------------|---|
| Watertown Public Library | Watertown | 20 | \$35,262 |
| Waukesha County Federated Library System | Waukesha | 20 | 62,989 |
| Waunakee Public Library | Waunakee | 20 | 16,891 |
| Waupaca Public Library | Waupaca | 20 | 42,361 |
| Waupun Public Library | Waupun | 20 | 31,243 |
| Wisconsin Valley Library Service | Wausau | 20 | 20,396 |
| Wausaukee Branch Public Library | Wausaukee | 20 | 63,570 |
| Wautoma Public Library | Wautoma | 20 | 34,084 |
| Wauwatosa Public Library | Wauwatosa | 20 | 24,994 |
| Burnett Community Library | Webster | 20 | 8,692 |
| West Allis Public Library | West Allis | 20 | 33,891 |
| West Bend Community Memorial Library | West Bend | 20 | 62,123 |
| Hazel Brown Leicht Memorial Library | West Salem | 20 | 12,723 |
| Westboro Public Library | Westboro | 20 | 36,357 |
| Bekkum Memorial Library | Westby | 20 | 28,720 |
| Ethel Everhard Memorial Library | Westfield | 20 | 62,891 |
| Weyauwega Public Library | Weyauwega | 20 | 23,439 |
| Whitefish Bay Public Library | Whitefish Bay | 20 | 45,779 |
| Irvin L. Young Public Library | Whitewater | 20 | 169,551 |
| Patterson Memorial Library | Wild Rose | 20 | 16,466 |
| Barrett Memorial Library | Williams Bay | 20 | 143,091 |
| Wilton Public Library | Wilton | 20 | 22,396 |
| Winneconne Public Library | Winneconne | 20 | 47,519 |
| Tice Public Library (Winter Public Library) | Winter | 20 | 12,503 |
| Kilbourn Public Library | Wisconsin Dells | 20 | 72,399 |
| Withee Public Library | Withee | 20 | 125,050 |
| Wittenberg Branch Library | Wittenberg | 20 | 22,475 |
| Wonewoc Public Library | Wonewoc | 20 | 19,262 |
| Woodville Community Library | Woodville | 20 | 28,095 |
| Wyocena Public Library | Wyocena | 20 | <u>63,527</u> |
| Subtotal Libraries | | | \$23,549,969 |

Schools

| | | | |
|---------------------------------------|-------------|-----|----------|
| Albany School | Albany | 100 | \$35,700 |
| Lac Courte Oreilles Community College | Ashland | 100 | 38,216 |
| Baraboo High School | Baraboo | 100 | 16,575 |
| Benton School District | Benton | 100 | 25,880 |
| Black Creek Elementary/Middle School | Black Creek | 100 | 28,760 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|--|---------------|--------------------------------------|---|
| Fallen Timbers Environmental Center | Black Creek | 100 | \$40,550 |
| Bristol School District | Bristol | 100 | 147,030 |
| Cambria-Friesland School District | Cambria | 100 | 26,908 |
| Chetek High School | Chetek | 100 | 35,220 |
| Colfax School District | Colfax | 100 | 30,457 |
| Northeast Wisconsin Technical College | Crivitz | 100 | 62,900 |
| Notre Dame Consolidated School | DePere | 100 | 69,900 |
| West De Pere High School | DePere | 100 | 28,758 |
| Prairie View Elementary School | East Troy | 100 | 60,221 |
| Regis High School | Eau Claire | 100 | 48,277 |
| Edgerton High School | Edgerton | 100 | 132,935 |
| Elmwood School | Elmwood | 100 | 16,305 |
| Fall River Public Schools | Fall River | 100 | 13,278 |
| St. Mary's Springs High School | Fond du Lac | 100 | 45,060 |
| Fontana Joint 8 School District | Fontana | 100 | 128,844 |
| Cochrane-Fountain City Schools | Fountain City | 100 | 77,356 |
| Gratiot Middle School | Gratiot | 100 | 13,969 |
| Whitnall High School | Greenfield | 100 | 41,135 |
| Gresham Community Schools | Gresham | 100 | 46,043 |
| Wisconsin Indianhead Technical College | Hayward | 100 | 51,708 |
| Highland High School | Highland | 100 | 84,328 |
| Howards Grove High School | Howards Grove | 100 | 27,810 |
| Iola-Scandinavia High School | Iola | 100 | 18,472 |
| Johnson Creek High School | Johnson Creek | 100 | 31,570 |
| Juda School | Juda | 100 | 42,353 |
| Aquinas High School | La Crosse | 100 | 6,975 |
| Badger High School | Lake Geneva | 100 | 51,745 |
| Winchester Elementary School | Larson | 100 | 43,027 |
| Northeast Wisconsin Technical College | Luxemburg | 100 | 23,617 |
| St. Mary School - Luxemburg | Luxemburg | 100 | 28,820 |
| Melrose-Mindoro High School | Melrose | 100 | 206,667 |
| Milton High School | Milton | 100 | 46,025 |
| St. Joan Antida School District | Milwaukee | 100 | 121,441 |
| Mount Horeb High School | Mt Horeb | 100 | 17,073 |
| Mukwonago High School | Mukwonago | 100 | 30,423 |
| Neshkoro Elementary School | Neshkoro | 100 | 22,819 |
| New Glarus School District | New Glarus | 100 | 25,590 |
| Emanuel Lutheran School | New London | 100 | 28,758 |
| New Richmond School District | New Richmond | 100 | 37,160 |
| Northeast Wisconsin Technical College | Oconto Falls | 100 | 30,803 |

| <u>Site</u> | <u>City</u> | <u>Proposed Service Speed (Mbps)</u> | <u>Total Price for the Fiber Installation</u> |
|--|-----------------|--------------------------------------|---|
| Luther High School | Onalaska | 100 | \$17,032 |
| Oneida Nations School | Oneida | 100 | 52,922 |
| Parkview High School | Orfordville | 100 | 119,606 |
| Osseo Fairchild High School | Osseo | 100 | 25,869 |
| Park Falls High School | Park Falls | 100 | 57,055 |
| Pecatonica Area Schools | Pecatonica | 100 | 54,267 |
| Pepin School | Pepin | 100 | 35,519 |
| Pleasant View Elementary | Pine River | 100 | 18,793 |
| Pittsville Elementary School | Pittsville | 100 | 42,131 |
| Plainfield School District Tri-County Area Schools | Plainfield | 100 | 61,689 |
| Plymouth High School | Plymouth | 100 | 174,884 |
| Potosi Schools | Potosi | 100 | 22,264 |
| Prescott High School | Prescott | 100 | 41,131 |
| Princeton Public School | Princeton | 100 | 26,759 |
| Randall School District | Randall | 100 | 33,794 |
| Reedsburg School District | Reedsburg | 100 | 118,794 |
| Rhineland High School | Rhineland | 100 | 30,941 |
| Ithaca High School | Richland Center | 100 | 78,762 |
| Ripon College Kemper Computer | Ripon | 100 | 32,111 |
| Salem School District | Salem | 100 | 154,683 |
| Westosha Central High School | Salem | 100 | 156,773 |
| Seymour Alternative High School | Seymour | 100 | 34,424 |
| Sharon Community School | Sharon | 100 | 45,447 |
| Northeast Wisconsin Technical College | Shawano | 100 | 43,049 |
| Shawano Community High School | Shawano | 100 | 40,382 |
| Sheboygan Falls High School | Sheboygan Falls | 100 | 74,181 |
| Solon Springs School District | Solon Springs | 100 | 54,946 |
| Black Hawk High School | South Wayne | 100 | 10,477 |
| Stockbridge School District | Stockbridge | 100 | 24,054 |
| Three Lakes School | Three Lakes | 100 | 102,855 |
| Union Grove UHS | Union Grove | 100 | 60,938 |
| Washington-Caldwell School District | Waterford | 100 | 25,284 |
| Waterloo High School | Waterloo | 100 | 177,307 |
| Catholic Memorial High School | Waukesha | 100 | 34,244 |
| Whitefish Bay High School | Whitefish Bay | 100 | 47,615 |
| Wild Rose Middle/High School | Wild Rose | 100 | 18,554 |
| Wonewoc Union Center School District | Wonewoc | 100 | <u>19,995</u> |
| Subtotal Schools | | | \$4,356,993 |
| Customer Equipment (modems, set up boxes inside wires) | | | <u>\$816,000</u> |
| Totals | | | \$28,722,962 |