



Dave Heineman
Governor

STATE OF NEBRASKA

OFFICE OF THE CHIEF INFORMATION OFFICER
Brenda L. Decker
Chief Information Officer
P.O. Box 95045
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402-471-3560

July 13, 2012

The Office of the CIO is prepared to announce the 2012-13 Network Nebraska-Education fees and also update you on a number of exciting developments relative to the statewide education network.

I am pleased to report that six new K-12 entities and two new tribal colleges will be joining Network Nebraska during summer 2012. The public K-12 entities will be eligible this fall to begin earning distance education incentives from the Education Innovation Fund. A Participant Report appears at the end of this memo as we pass the 7/1/2012 legislative benchmark of providing 'access' to all public education entities.

The Network Nebraska Advisory Group (NNAG) is now in its 36th month of existence—comprised of 8 individuals from K-12 and 8 from higher education. These members have met 20 times and indirectly represent the interests of all 252 education entities presently on the K-20 network. Their job is to provide strategic vision and operational recommendations to the Office of the Chief Information Officer as we manage and grow the network. (NNAG [website](#).) If you would be interested in serving on the NNAG, you may contact co-chairs John Stritt, jstritt@esu10.org if you are with K-12, or Debbie Schroeder, schroederd@unk.edu, if you are with higher education.

We had over 150 circuits purchased from the 2011-12 state bidding process with implementation occurring during summer 2012. When compared to similar services from 2007-2011, we observed an average cost reduction of 40% across the board. Many entities were able to double or triple their WAN transport bandwidth while maintaining or lowering their costs.

Several changes happened with statewide Internet access, effective 7/2/2012. Network Nebraska-Education moved from Windstream Communications to Unite Private Networks. The unit price for 2012-13 decreased by 58% (\$2.55/Mbps/month) when compared to the 2011-12 pricing (\$6.00/Mbps/month). As a result, the aggregated purchase amount increased by 118% to 4.9 Gbps/month. In addition, the Office of the CIO has assumed the E-rate filing on the eligible portion of the statewide Internet purchase and will be billing the eligible entities the post-E-rate amounts.

The Network Nebraska-Education backbone was also bid out for the 2012-2015 term. The annual cost will decrease by 39% for 2012-13 when compared to 2011-12 and the average transport bandwidth over the entire length will double to 1.7Gbps. Consequently, entities will see a decrease in their monthly Interregional Transport fees.

The Office of the CIO is excited to announce the addition of two new aggregation points to the federated backbone; Scottsbluff and Omaha at 1623 Farnam. These new aggregation points will allow us to increase our network speed and reliability, particularly for the 308 area code region.

The Participation Fee budget for 2012-13 includes a line item called "Network Upgrade Project" which will be used to help pay for the router replacements and other equipment upgrades performed during summer 2012. Consequently, there will be a modest increase in Participation Fees for 2012-13 which will hasten the payoff of the equipment. These core routers will not be due for replacement again until 2017 or 2018.

The NNAG recommended that the OCIO videoconferencing bridge services be increased from 10 to 12 simultaneous multi-point connections for administrative videoconferencing by any Network Nebraska member. More details about how to use this service are available from your ESU distance education coordinator or college technology officer.

The Network Nebraska Advisory Group, the OCIO financial solutions team, and the Collaborative Aggregation Partnership (CAP) have been reviewing the network revenue and expenses for 2012-13 and are prepared to announce the 2012-13 rates, which will take effect with the August 2012 billing:

Performance Year	Network Nebraska Participation Fee	Number of Entities
2012-13	\$203.48/month/entity	252 entities
2011-12	\$190.21/month/entity	244 entities
2010-11	\$195.13/month/entity	226 entities
2009-10	\$192.47/month/entity	232 entities
2008-09	\$197.80/month/entity	182 entities
2007-08	\$200.00/month/entity	94 entities

Performance Year	Network Nebraska Interregional Transport Fee	Number of Entities
2012-13	\$18.67/month/K-12 entity (\$ 61.28/month/college)	252 entities
2011-12	\$31.69/month/K-12 entity (\$101.09/month/college)	244 entities
2010-11	\$36.45/month/K-12 entity (\$115.78/month/college)	226 entities
2009-10	\$34.48/month/K-12 entity (\$ 92.72/month/college)	232 entities
2008-09	\$34.21/month/K-12 entity (\$ 93.35/month/college)	182 entities
2007-08	\$ 0.00/month/K-12 entity [no backbone in service]	94 entities

Performance Year	Network Nebraska Internet Access Unit Charge	Number of Entities
2012-13	\$.7905/Mbps/month for K-12 (\$2.55/Mbps/month for colleges)	15 entities

We want to congratulate these groups on working together to keep network costs to a manageable level for the members of Network Nebraska.

As CIO for the State of Nebraska, I am very proud to be associated with this public-private, federated project. Due to the cooperative spirit of Nebraska education entities, we have found a way to work together, share costs, and grow this network to serve over 300,000 Nebraska students. By aggregating Internet demand, we have leveraged one of the lowest unit prices for Internet access in the entire country. We are one of only a small number of education networks completely funded by the participants. In these tough economic times, we all have been able to continue to make advancements in data management technology that improve the security and reliability of the overall network. For this, I commend and thank all of you.

If you have questions or comments about the contents of this memorandum, please contact me at brenda.decker@nebraska.gov or you can reach me at 402-371-3717.

Sincerely,



Brenda L. Decker
Chief Information Officer
State of Nebraska

Attachments

Comprehensive Listing of Network Nebraska—Education Services and Benefits (7/5/2012)

Student Learning Opportunities

- Statewide Clearinghouse and Videoconferencing Scheduling Software (i.e. Renovo)
- High quality exchange of Nebraska K-12 and college video distance learning classes
- High bandwidth Internet2 access to over 50,000 education partners and content providers
- Internet2 programming and virtual museum trips from across the U.S./world

Connectivity/Transport

- Intranet Ethernet connectivity to all 252 Network Nebraska participants and Nebraska Dept of Ed
- Interregional (high bandwidth backbone) Transport between Grand Island, Lincoln, Omaha, and Scottsbluff
- Access to commodity Internet1 service (state contract purchase)
- Internet2 access and Internet2 Commodity Peering/Routing to over 60,000 companies
- Limited co-location rack space at Grand Island, Lincoln and Omaha core locations on a space available basis
- Core router and core infrastructure cost avoidance through the University of Nebraska partnership
- Shared services for up to 12 simultaneous videoconferencing ports over the OCIO MCU bridges

Network Management/ Monitoring

- 24/7 network monitoring and call center
- Toll-free Network Nebraska number, 1-888-NET-NEBR (638-6327)
- Automated Notification System services
- Network abuse and nefarious activity monitoring
- Bandwidth measuring and assistance
- Level 1 network troubleshooting and support on Network Nebraska - Education backbone, core network devices and State Contract and University of Nebraska contracts for Internet access
- Level 2 network troubleshooting and support on wide area networking and other participant routing and DNS issues
- Level 2 video/scheduling troubleshooting and support
- Traffic shaping of Network Nebraska Internet bandwidth
- Onsite and/or remote technician assistance, upon request

Administrative/E-rate

- RFP development and State Master Contract negotiations
- E-rate filing on the K-12 eligible portion of the Interregional Transport and statewide Internet
- Sponsored Education Group Participation (SEGP) Membership for Internet2
- Establishing the yearly eligibility list for LB1208 Distance Education Incentive Dollars and Equipment Reimbursements
- Management of the statewide purchase contracts for statewide scheduling, WAN services, Internet access, Cisco equipment, and videoconferencing equipment.
- E-rate archiving of bid documents, invoices, correspondence
- Continual Management of Consortium Letters of Agency to maintain E-rate eligibility
- OCIO Financial Solutions Services for budget development and vendor service orders
- State Billing services for Network Nebraska Participation Fee and Interregional Transport
- Network Nebraska website (www.networknebraska.net) development and support
- Staff support for the Network Nebraska-Education Advisory Group
- Informational presentations about Network Nebraska, upon request

Network Nebraska—Education Participant Report (Part 1- PUBLIC Entities) July 1, 2012

Neb. Rev. Stat. 86-5,100 (excerpt) Network Nebraska; development and maintenance; access; Chief Information Officer; duties; cost; report.

The Chief Information Officer shall provide access to each school district, each educational service unit, each community college, each state college, and the University of Nebraska at the earliest feasible date and no later than July 1, 2012. Access may be provided through educational service units or other aggregation points. Participation in Network Nebraska shall not be required for any educational entity.*

*Note “Access” was defined by the Chief Information Officer as the ability to connect via Ethernet to one of the Network Nebraska—Education core aggregation points.

SUMMARY: Network Nebraska—Education PUBLIC K-20 Participants, as of 7/1/2012:

219 of 252 public school districts	(87%)
15 of 17 Educational Service Units	(88%)
8 of 8 community colleges	(100%)
3 of 3 state colleges	(100%)
1 of 1 University of Nebraska	(100%)

Network Nebraska—Education Participant Report (Part 2- NON-PUBLIC Entities) July 1, 2012

Neb. Rev. Stat. 86-5,100 (excerpt) Network Nebraska; development and maintenance; access; Chief Information Officer; duties; cost; report.

*The network shall consist of contractual arrangements with providers to meet the demand of state agencies, local governments, **and educational entities** as defined in section [79-1201.01](#).*

Neb. Rev.Stat. 79-1201.01 (excerpt) Terms, defined.

*3) **Educational entity** means a school district, a private, denominational, or parochial school, an educational service unit, a community college, a state college, the University of Nebraska, or a nonprofit private postsecondary educational institution;*

SUMMARY: Network Nebraska—Education NON-PUBLIC K-20 Participants, as of 7/1/2012:

4 of 213 private, denominational or parochial schools	(2%)
6 of 14 nonprofit private postsecondary educational institutions	(43%)

Appendices available upon request from the Office of the CIO, 402-471-7969, tom.rolfes@nebraska.gov :

Appendix A—PUBLIC K-12 Entity Participant List (districts and ESUs)
Appendix B—PUBLIC Higher Education Entity Participant List
Appendix C—PUBLIC K-12 Non-Participant List (districts and ESUs)
Appendix D—PUBLIC Higher Education Non-Participant list

Appendix E—NON-PUBLIC K-12 Participant List
Appendix F—NON-PUBLIC Higher Education Participant List
Appendix G—NON-PUBLIC K-12 Non-Participant list
Appendix H—NON-PUBLIC Higher Education Non-Participant list

	B	C	D	E	F	G	H	I	J
1	Network Nebraska DRAFT Participation Fee FY2013				Cost Recovery Period				
2									
	Date of Last Revision: June 15, 2012	Units	# of Payments Per Year	Price	Cost	Life Cycle	Annualized Cost	FY2012 Subtotals	
3									
4	master lease interest rate								
5							2.0%		
6									
7	Equipment:								
8	Router -- Grand Island (Year 1 of 5)	0.85	1	\$ 126,727	\$107,718	5	\$22,657		NU
9	Router -- Lincoln (Year 1 of 5)	0.00	1	\$ 157,059	\$0	5	\$0		NU
10	Router -- Omaha UNMC (Year 1 of 5)	0.80	1	\$ 104,515	\$83,612	5	\$17,586		NU
11	Router -- Omaha 1623 Farnam (Year 1 of 5)	0.85	1	\$ 121,208	\$103,027	5	\$21,670		NU
12	Router -- Omaha UNO/PKI (Year 1 of 5)	0.85	1	\$ 99,749	\$84,787	5	\$17,834		NU
13	Router -- Scottsbluff (Year 1 of 5)	0.50	1	\$ 30,628	\$15,314	5	\$3,221		NU
14	Procera Traffic Shaper - OMA/1623 Farnam (Year 1 of 5)	1	1	\$ 51,370	\$51,370	5	\$10,805		NU
15	Network Upgrade Project	1	1	\$ 37,516	\$37,516	1	\$37,516		NU
16	Fiber Distribution Panel (24-strand)--OMA/1623 Farnam	0.5	1	\$ 2,116	\$1,058	1	\$1,058		NU
17	Ciena 10Gbps Power Adapter Module for OMA/1623 Farnam	1	1	\$ 146	\$146	1	\$146		NU
18	Ciena 10Gbps Card for OMA/1623 Farnam to UNMC	1	1	\$ 41,156	\$41,156	1	\$41,156	\$173,648	NU
19	MCU -- Shared Service (12 ports @ \$372/year)	12	1	\$ 372	\$4,464	1	\$4,464		OCIO
20	Network Switch -- Grand Island (Year 5 of 5)	1	1	\$ 5,000	\$5,000	5	\$1,052		NU
21	Subtotal							\$179,164	
22	Equipment Maintenance:								
23	Router Maintenance -- Grand Island (Year 1 of 4)	0.85	1	\$ 12,355	\$10,502	1	\$10,502		NU
24	Router Maintenance -- Lincoln (Year 1 of 4)	0.00	1	\$ 14,335	\$0	1	\$0		NU
25	Router Maintenance -- Omaha UNMC (Year 1 of 4)	0.80	1	\$ 12,355	\$9,884	1	\$9,884		NU
26	Router Maintenance -- Omaha 1623 Farnam (Year 1 of 4)	0.85	1	\$ 12,456	\$10,588	1	\$10,588		NU
27	Router Maintenance -- Omaha UNO/PKI (Year 1 of 4)	0.85	1	\$ 12,254	\$10,416	1	\$10,416		NU
28	Router Maintenance -- Scottsbluff (Year 1 of 4)	0.50	1	\$ 9,468	\$4,734	1	\$4,734		NU
29	Network Switch -- Grand Island	1	1	\$ 334	\$334	1	\$334		NU
30	Packet Shaper Maintenance - UNO/1623 Farnam	1	1	\$ 9,245	\$9,245	1	\$9,245		NU
31	Probe Maintenance - Grand Island	0.4	1	\$ 10,690	\$4,276	1	\$4,276		NU
32	Probe Maintenance - Lincoln	0.3	1	\$ 3,090	\$927	1	\$927		NU
33	Probe Maintenance - UNO/PKI	0.3	1	\$ 7,084	\$2,125	1	\$2,125		NU
34	Proximity Maintenance for CP Access System (5 cameras)	0.5	1	\$ 83	\$42	1	\$42		NU
35	Lifesize Passport Codec Maintenance (Year 2 of 3)	1	1	\$ 820	\$820	3	\$282		NU
36	Semi-annual service on Generator at CP	0.5	1	\$ 795	\$398	1	\$398		NU
37	Subtotal							\$63,752	
38	Software								
39	Dorado RedCell Purchase (Year 3 of 5)	0.5	1	\$ 81,000	\$40,500	5	\$8,518		NU
40	Watch System & install to monitor College Park generator	0.5	1	\$ 7,332	\$3,666	1	\$3,666		NU
41	Access Control System Software Upgrade & License	0.5	1	\$ 5,407	\$2,704	1	\$2,704		NU
42	Subtotal							\$14,888	
43	Software Maintenance:								
44	Nigenious Mgr Maintenance	0.5	1	\$ 7,820	\$3,910	1	\$3,910		NU
45	Stat Seeker Maintenance	0.5	1	\$ 5,000	\$2,500	1	\$2,500		NU
46	Dorado RedCell Maintenance	0.5	1	\$ 15,000	\$7,500	1	\$7,500		NU
47	RedHat Enterprise Linux Software Maintenance	0.5	1	\$ 723	\$362	1	\$362		NU
48	i.Support Licenses	0.25	1	\$ 3,300	\$825	1	\$825		NU
49	Keyscan Software K-web for CP	0.5	1	\$ 365	\$183	1	\$183		NU
50	College Park Camera Software Licensing	0.5	1	\$ 99	\$50	1	\$50		NU
51	Subtotal							\$15,329	
52	Staff Support -- University of Nebraska								
53	UNCSN Support Team	1	1	\$ 180,000	\$180,000	1	\$180,000		NU
54	Network Engineer/Team Lead								
55	Network Engineers (Est. FTE of 2.0)								
56	Network Operators (24/7)								
57	Administrative Assistant								
58	Accountant								
59	Training	1	1	\$ 1,875	\$1,875	1	\$1,875		NU
60	Travel	1	1	\$ 5,000	\$5,000	1	\$5,000		NU
61	Subtotal							\$186,875	
62	Staff Support -- Office of the CIO (Network Services)								
63	Network Services Team (including benefits)	0.1	12	\$ 6,230	\$7,475	1	\$7,475		OCIO
64	Travel/Videoconferencing	1	1	\$ 500	\$500	1	\$500		OCIO
65	Subtotal							\$7,975	
66	Staff Support -- Nebraska Dept of Ed (E-rate Services)								
67	State E-rate Coordinator	1	4	\$ 4,500	\$18,000	1	\$18,000		NDE
68	Travel	1	1	\$ 500	\$500	1	\$500		NDE
69	Subtotal							\$18,500	
70	Other:								
71	SEGP	1	1	\$ 36,000	\$36,000	1	\$36,000		NU
72	Expand wiring closet at G.I. (Year 4 of 5)	0.5	1	\$ 15,422	\$7,711	5	\$1,622		NU
73	VM Servers to run DNS and LDAP Directory Services	2	1	\$ 250	\$500	1	\$500		NU
74	iPerf Traffic Testing Appliances for core aggregation points	5	1	\$ 1,700	\$8,500	1	\$8,500		NU
75	Electrical work at College Park wiring closet	0.5	1	\$ 1,395	\$698	1	\$698		NU
76	College Park UPS Devices (2)	0.5	1	\$ 6,522	\$3,261	1	\$3,261		NU
77	Generator Install/Labor at College Park	0.5	1	\$ 13,035	\$6,518	1	\$6,518		NU
78	Network Nebraska Toll-Free Number	1	1	\$ 433	\$433	1	\$433		NU
79	Wiring Closet Rental at G.I.	0.5	1	\$ 7,500	\$3,750	1	\$3,750		NU
80	Proximity access system (Year 4 of 5)	0.5	1	\$ 11,164	\$5,582	5	\$1,174		NU
81	Automatic Notification System (WARN)	1	1	\$ 600	\$600	1	\$600		NU
82	Website Redesign - estimated 50 hours	50	1	\$ 50	\$2,500	1	\$2,500		OCIO
83	Omaha Server Room Expansion (Year 3 of 5)	1	1	\$ 20,000	\$20,000	5	\$4,207		NU
84	Subtotal							\$69,762	
85	Sub Total						\$556,244	\$556,244	
86									
87									
88	Estimated Loss from FY2009 (Cash Basis)	0	1	\$5,372	\$0	2	\$0		
89	Estimated Loss from FY2008 (Cash Basis)	0	1	\$148,652	\$0	3	\$0		
90	Indirect Cost Allocation (Interregional Transport Fee)	7%	1	\$183,110	\$12,818	1	\$12,818		
91	Indirect Cost Allocation (Participation Fee)	7%	1	\$556,244	\$38,937	1	\$38,937		
92								\$51,755	
93									
94	Total						\$607,999	\$607,999	
95									
96	Projected Units of Sale						249		
97	Annual Cost Per Unit						\$ 2,441.76		
98	Monthly Cost Per Unit	12 months					\$ 203.48		
99	Total Projected Revenue						\$ 607,999		
100	NOTE: Major cost considerations for FY 2012-2013 are highlighted in yellow.								

	A	B	C	D	E	F	G
1	Network Nebraska Interregional Transport Fee FY 2013				Cost Recovery Period		
2							
3	Date of Last Revision: May 18, 2012	Units	# of Payments Per Year	Price	Cost	Life Cycle	Annualized Cost
4							
5	master lease interest rate						2.0%
6							
7	Hardware:						
8					\$0	1	\$0
9							
10	Software:						
11					\$0	1	\$0
12							
13	Labor Costs:						
14					\$0	1	\$0
15							
16	Backbone Transport Circuit Costs (See Footnote)						
17	Lincoln to Grand Island, 1700Mbps NebraskaLink	1	12	\$3,600.00	\$43,200.00	1	\$ 43,200.00
18	Grand Island to Omaha, 1700Mbps NebraskaLink	1	12	\$2,200.00	\$26,400.00	1	\$ 26,400.00
19	Grand Island to Scottsbluff, 1700Mbps NebraskaLink	1	12	\$2,150.00	\$25,800.00	1	\$ 25,800.00
20	Scottsbluff to Omaha, 1700Mbps NebraskaLink	1	12	\$2,200.00	\$26,400.00	1	\$ 26,400.00
21	Lincoln to Omaha, 1700Mbps State Disaster Recovery Fiber	1	12	\$0.00	\$0.00	1	\$ -
22							
23							
24							
25	Routing & Aggregation Circuits (See Footnote)						
26	Omaha, 300Mbps (CenturyLink QMOE)	1	12	\$2,761.60	\$33,139.20	1	\$ 33,139.20
27	Grand Island, 300 Mbps (Charter Business)	1	12	\$2,347.55	\$28,170.60	1	\$ 28,170.60
28							
29	Other:						
30							
31							
32	Total						\$ 183,109.80
33							
34	Projected Units of Sale						249
35							
36	Annual Cost Per Unit (Pre Erate)						\$735.38
37	Monthly Cost Per Unit (Pre Erate)						\$ 61.28
38	Net Monthly Cost Per K-12 Unit (Post Erate)						\$ 18.67
39	Footnote						
40	Network Costs include NUSF						
41							
42							
43	FY 2013 E-RATE CALCULATIONS				Total Units	K-12 Units	H.E. Units
44					249	231	18
45	Form 471 Certification Results		3/20/2012	Cost Recovery Formula	Annual	Monthly	Total
46	Total Funding Year pre-cost allocation amount		\$ 183,109.80	Higher Ed Contributions	\$ 735.38	\$ 61.28	\$ 13,236.85
47	Total Annual Cost Allocation for Higher Education		\$11,909.58				
48	Total Funding Year pre-discount amount		\$ 171,200.22				
49	Total Funding Commitment Request (69%)		\$ 118,128.15	E-rate		\$ 42.61	\$ 118,128.15
50				K-12 (post erate)		\$ 18.67	\$ 51,744.80
51	Total Budgeted Amount allocated to resources not eligible for Erate		\$ 539,136.00	K-12 Contributions			\$ 169,872.95
52	Total amount necessary for the applicant to pay the non-discount share		\$ 539,136.00	TOTAL			\$ 183,109.80
53							
54	INTERREGIONAL TRANSPORT FEE, 2007-PRESENT				Total		
55							
56	Performance Year		K-12 Monthly	Higher Education Monthly	# entities	Comments	
57	2007-08		\$ -	\$ -	94	(No backbone in service)	
58	2008-09		\$ 34.21	\$ 93.35	182	(State RFP 1752)	
59	2009-10		\$ 34.48	\$ 92.72	232		
60	2010-11		\$ 36.45	\$ 115.78	226	(1 entity, 1 fee structure)	
61	2011-12		\$ 31.69	\$ 101.09	246		
62	2012-13		\$ 18.67	\$ 61.28	249	(State RFPs 3827, 3886)	

Statewide Internet Contract Purchases, Contract 51026(04)

7/1/2012-6/30/2013

Education Entity	Billed Entity Number	Premise Address	City	NN Aggregation Point	2012-13 Unit				2012-13 Post			
					2012-13 Quantity (Mbps)	Cost (\$/Mbps/month)	2012-13 Monthly Cost	2012-13 Annual Cost	E-rate Cost (\$/Mbps/month)	2012-2013 Monthly Invoice	2012-2013 Annual Invoices	
Educational Service Unit 02 (NNNC)	138244	2320 N. Colorado	Fremont	Omaha	1000	\$ 2.55	\$ 2,550.00	\$ 30,600.00	\$ 0.7905	\$ 790.50	\$ 9,486.00	
Educational Service Unit 05 (SNDLC)	138331	900 W. Court Street	Beatrice	Omaha	300	\$ 2.55	\$ 765.00	\$ 9,180.00	\$ 0.7905	\$ 237.15	\$ 2,845.80	
Educational Service Unit 09	138852	1117 E. South Street	Hastings	Lincoln	350	\$ 2.55	\$ 892.50	\$ 10,710.00	\$ 0.7905	\$ 276.68	\$ 3,320.10	
Educational Service Unit 10 (GNENC)	138783	76 Plaza Boulevard	Kearney	G.I.	980	\$ 2.55	\$ 2,499.00	\$ 29,988.00	\$ 0.7905	\$ 774.69	\$ 9,296.28	
ESU 10 Partner Entities	NA	76 Plaza Boulevard	Kearney	G.I.	12	\$ 2.55	\$ 30.60	\$ 367.20	\$ 2.5500	\$ 30.60	\$ 367.20	
Grand Island Public Library-new 2011-12 client	138719	211 N. Washington Street	Grand Island	G.I.	30	\$ 2.55	\$ 76.50	\$ 918.00	\$ 0.7905	\$ 23.72	\$ 284.58	
Grand Island Public Schools	138718	123 S. Webb Road	Grand Island	G.I.	141	\$ 2.55	\$ 359.55	\$ 4,314.60	\$ 0.7905	\$ 111.46	\$ 1,337.53	
Kearney Public Schools	138779	310 W. 24th Street	Kearney	G.I.	30	\$ 2.55	\$ 76.50	\$ 918.00	\$ 0.7905	\$ 23.72	\$ 284.58	
Lexington Public Schools	138789	1610 N. Washington	Lexington	G.I.	150	\$ 2.55	\$ 382.50	\$ 4,590.00	\$ 0.7905	\$ 118.58	\$ 1,422.90	
Lincoln Public Schools (ESU 18)	138458	5901 O Street	Lincoln	Lincoln	1000	\$ 2.55	\$ 2,550.00	\$ 30,600.00	\$ 0.7905	\$ 790.50	\$ 9,486.00	
McCook Public Schools	138925	700 W. 7th Street	McCook	G.I.	100	\$ 2.55	\$ 255.00	\$ 3,060.00	\$ 0.7905	\$ 79.05	\$ 948.60	
North Platte Public Schools	138971	301 W. F Street	North Platte	G.I.	44	\$ 2.55	\$ 112.20	\$ 1,346.40	\$ 0.7905	\$ 34.78	\$ 417.38	
University of Nebraska (on behalf of colleges)	NA	901 N. 17th	Lincoln	Lincoln	527	\$ 2.55	\$ 1,343.85	\$ 16,126.20	\$ 2.5500	\$ 1,343.85	\$ 16,126.20	
College of St. Mary-new 2011-12 client	NA	7000 Mercy Rd	Omaha	Omaha	36	\$ 2.55	\$ 91.80	\$ 1,101.60	\$ 2.5500	\$ 91.80	\$ 1,101.60	
Midland University-new 2011-12 client	NA	820 N Irving Street	Fremont	Omaha	200	\$ 2.55	\$ 510.00	\$ 6,120.00	\$ 2.5500	\$ 510.00	\$ 6,120.00	
TOTAL					4900	\$ 2.55	\$ 12,495.00	\$ 149,940.00		\$ 5,237.06	\$ 62,844.75	
Aggregation-				Omaha	1336							
Aggregation-				Lincoln	2077							
Aggregation-				Grand Island	1487							
					4900							

Unite Private Networks

SPIN 143029868
 Stuart Howerter
 stuart.howerter@upnllc.com
 402-802-9750 (office)
 402-617-3544 (mobile)
 4201 Southgate Blvd
 Lincoln, NE 68506

\$2.80/Mbps if 2000Mbps or greater
 \$2.75/Mbps if 2500Mbps or greater
 \$2.70/Mbps if 3000Mbps or greater
 \$2.65/Mbps if 3500Mbps or greater
 \$2.60/Mbps if 4000Mbps or greater
\$2.55/Mbps if 4500Mbps or greater
 \$2.50/Mbps if 5000Mbps or greater

Cost Allocation	Mbps	Total Monthly	Annual	Revenue
K-12	4125	\$ 10,518.75	\$ 126,225.00	\$ 39,129.75
H.E.	775	\$ 1,976.25	\$ 23,715.00	\$ 23,715.00
Total	4900	\$ 12,495.00	\$ 149,940.00	\$ 62,844.75
Projected E-rate Reimbursement				\$ 87,095.25
Grand Total of all Sources				\$ 149,940.00