



July 30, 2021

Greetings from the State of Nebraska—Office of the Chief Information Officer (OCIO). My name is Ed Toner and I am the State CIO. In addition to my technology role at the State level, I also assist in the oversight of Network Nebraska.

I want to extend a special welcome to the 49 new superintendents coming on board and commend all of you on your efforts to navigate the past 17 months of the pandemic. It has been an extremely challenging time and your efforts have been appreciated. I want to make sure that the Network Nebraska team is doing everything that we can to assist you with telecommunications services and support as we prepare for the fall semester.

Within this memo, I will announce the 2021-22 Network Nebraska fees and update you on several developments relative to this statewide education network. Several documents follow this cover letter which provide detailed information and budget documents related to Network Nebraska.

While the Interregional Transport Fee will stay the same for 2021-22, the Network Nebraska Participation Fee will experience an increase from \$220/month to \$247/month due to rising maintenance charges on our core routers and a doubling of the Arbor DDoS protection. The first 2021-22 monthly invoice will arrive the first week of August.

Statewide Zoom videoconferencing helped us tremendously with at-home teaching, learning, and tele-working. Zoom license rates will stay the same for 2021-22. I credit the Network Nebraska Advisory Group (NNAG) with maintaining this as an outstanding service. Please contact Scott Jones (scott.jones@esusixteen.org) for more details about Zoom licenses and ancillary services. Zoom cost recovery by the OCIO will occur with the September invoice.

The unit rates for internet will stay the same for those 43 entities that purchase internet on behalf of all the schools, colleges, libraries, and municipalities in the state. For the tenth year in a row, the Office of the CIO has performed the E-rate filing on the eligible portion of the statewide Internet purchase and will be billing the K-12 and library entities the post-E-rate unit cost after a 68% E-rate discount.

We are just beginning the third year of E-rate filing for 135 school district fiber circuits and working with providers to pay bills under the OCIO's ownership. The OCIO is excited to announce that Becca Kingery will be filling an open spot on the Network Nebraska team in early August to help with administrative support and E-rate.

The OCIO, in partnership with the Nebraska Department of Education and the ESU Coordinating Council will be announcing a new statewide K-12 cybersecurity training and awareness program for roll out this fall. Please stay tuned for more information.

July 30, 2021

You may have noticed a recent announcement that Nebraska was selected as one of two states to participate in a pilot implementation of “eduroam”, a secure federated Wi-Fi authentication system that will be implemented across K-12 entities of Network Nebraska in 2021-2024. I invite you to visit www.connectEDnebraska.com for more details and to submit your application.

The Network Nebraska Advisory Group (NNAG) is now in its 12th year of existence— comprised of eight representatives from K-12 and eight from higher education. These members usually meet every other month and indirectly represent the interests of all 293 entities presently on Network Nebraska. 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. If you are interested in serving on the NNAG, you may contact co-chairs, Ron Cone, rcone@esu10.org, or Tom Peters, tpeters@cccneb.edu.

As the CIO for the State of Nebraska, I am very proud to be involved in this public-private project. Network Nebraska is recognized as one of the top networks of its type in the country.

If you have questions or comments about the contents of this memorandum or attachments, please contact me at ed.toner@nebraska.gov or you can reach me at 402-471-3717. You may also contact tom.rolfes@nebraska.gov, 402-471-7969, or visit the Network Nebraska website and submit your comments: www.networknebraska.net.

For technical assistance, we encourage you to contact the University of Nebraska 24/7 Operations Center, noc@nebraska.edu, or 1-888- NET-NEBR (638-6327).

Sincerely,



Ed Toner
Chief Information Officer

Attachments

Network Nebraska Cost Recovery Rates for 2021-22

The NNAG, OCIO, NU-ITS and the Collaborative Aggregation Partnership (CAP) have reviewed the projected network revenue and expenses for the coming year and are prepared to announce the 2021-22 rates, which will take effect with the August 2021 billing:

REQUIRED

Network Nebraska 1.0 Participation Fee	Number of Entities
\$247.00/month/entity (≥ 100Mbps)	289 entities

Network Nebraska .25 Participation Fee	Number of Entities
\$61.75/month/entity (≤ 99Mbps)	4 entities

REQUIRED

Network Nebraska 1.0 Interregional Transport Fee	Number of Entities
\$12.49/month/E-rate entity (≥100Mbps)	268 entities
\$24.15/month/non-E-rate entity (≥100Mbps)	21 entities

Network Nebraska .25 Interregional Transport Fee	Number of Entities
\$ 3.12/month/E-rate entity (≤99Mbps)	2 entities
\$ 6.04/month/non E-rate entity (≤99Mbps)	2 entities

SUBSCRIPTION SERVICES

Network Nebraska Internet Access Unit Charge	Number of Entities
\$.0800/Mbps/month for blended Internet (E-rate entities)	18 entities
\$.2400/Mbps/month for blended Internet (non-E-rate entities)	23 entities
\$.0300/Mbps/month surcharge for all entities for Peering Services	40 entities

Zoom Videoconferencing Statewide Contract	Number of Entities
\$ 4.50/user/year	TBD
\$499.00/Zoom CRC Port or Webinar/year	TBD
\$499.00/Zoom Room/year	TBD

*Contact Scott Jones, scott.jones@esusixteen.org, 308-546-7153

NU Nebraska Hall Rack Hosting Charge	Number of Entities
\$628.00/month/Full Rack (42U)	TBD
\$314.00/month/Half Rack (21U)	TBD
\$ 15.00/month/Slot (1U)	TBD

*Contact Greg Gray, ggray@nebraska.edu, 402-472-7605

Network Nebraska Historic Rates for 2007-2022

Performance Year	Network Nebraska Participation Fee	Number of Entities
2021-22	\$247.00/month/entity	293 entities
2020-21	\$220.00/month/entity	293 entities
2019-20	\$217.03/month/entity	292 entities
2018-19	\$217.03/month/entity	292 entities
2017-18	\$217.21/month/entity	291 entities
2016-17	\$217.47/month/entity	291 entities
2015-16	\$205.35/month/entity	285 entities
2014-15	\$218.30/month/entity	274 entities
2013-14	\$215.83/month/entity	261 entities
2012-13	\$203.48/month/entity	253 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
2021-22*	\$12.49/month/E-rate entity (\$24.15/month/college)	293 entities
2020-21	\$12.49/month/E-rate entity (\$24.15/month/college)	293 entities
2019-20	\$12.29/month/E-rate entity (\$23.55/month/college)	292 entities
2018-19	\$12.46/month/E-rate entity (\$ 23.55/month/college)	292 entities
2017-18	\$17.72/month/E-rate entity (\$ 53.70/month/college)	291 entities
2016-17	\$22.16/month/E-rate entity (\$ 67.16/month/college)	291 entities
2015-16	\$22.12/month/E-rate entity (\$ 70.39/month/college)	285 entities
2014-15	\$18.49/month/E-rate entity (\$ 57.79/month/college)	274 entities
2013-14	\$17.38/month/E-rate entity (\$ 53.80/month/college)	261 entities
2012-13	\$18.67/month/E-rate entity (\$ 61.28/month/college)	253 entities
2011-12	\$31.69/month/E-rate 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
2020-22*	\$.0800/Mbps/month for K-12 (\$.24/Mbps/month for colleges) \$.0300/Mbps/month surcharge for K-12 and colleges for Peering Services	41 entities
2019-20	\$.1140/Mbps/month for K-12 (\$.38/Mbps/month for colleges) \$.0355/Mbps/month surcharge for K-12 and colleges for Peering Services	42 entities
2018-19	\$.2200/Mbps/month for K-12 (\$.70/Mbps/month for colleges) \$.0355/Mbps/month surcharge for K-12 and colleges for Peering Services	42 entities
2017-18	\$.2662/Mbps/month for K-12 (\$.80/Mbps/month for colleges) \$.0405/Mbps/month surcharge for K-12 and colleges for Peering Services	41 entities
2016-17	\$.2459/Mbps/month for K-12 (\$.79/Mbps/month for colleges) \$.0349/Mbps/month surcharge for K-12 and colleges for Peering Services	41 entities
2015-16	\$.3024/Mbps/month for K-12 (\$.945/Mbps/month for colleges) \$.0231/Mbps/month surcharge for K-12 and colleges for 3Gbps CPS	34 entities
2014-15	\$.3982/Mbps/month for K-12 (\$1.28/Mbps/month for colleges) \$.047/Mbps/month surcharge for K-12 and colleges for 3Gbps CPS	32 entities
2013-14	\$.7750/Mbps/month for K-12 (\$2.50/Mbps/month for colleges) \$.070/Mbps/month surcharge for K-12 and colleges for 3Gbps CPS	15 entities

* = unchanged for 2021-22

Comprehensive Listing of Network Nebraska Services and Benefits (7/1/2021)

Student Learning Opportunities

- Statewide Clearinghouse and Videoconferencing Scheduling Software (www.nvis.esucc.org)
- High quality exchange of Nebraska K-12 and college video distance learning classes
- High bandwidth Internet2 access to over 90,000 education partners and content providers
- Internet2 programming and virtual museum trips from across the U.S./world
- Statewide contract pricing for Zoom videoconferencing and ancillary services

Connectivity/Transport

- Intranet Ethernet connectivity to all 293 Network Nebraska participants
- Interregional (high bandwidth backbone) Transport between Grand Island, Lincoln, Omaha, and Scottsbluff
- Access to 85Gbps of commodity Internet service with one of the lowest unit rates in the U.S.
- 10Gbps Internet2 Commercial Peering Service and prioritized routing to over 60,000 companies
- 20Gbps InterExchange Peering out of Omaha
- Co-location rack space at Lincoln core location as a subscription service
- Core router and core infrastructure cost avoidance through the University of Nebraska partnership
- Backbone transport provided by the University of Nebraska dark fiber circuits
- Dynamic provisioning of statewide Internet access

Network Management/Monitoring

- 24/7 network monitoring and operations center, 1-888-NET-NEBR (638-6327), noc@nebraska.edu
- Incident Tracking and Automated Notification System services
- Network abuse and nefarious activity monitoring, including Arbor DDoS prevention
- Route optimization and intelligent routing using Noction software
- Perfsonar distributed speed testing and network performance measurement
- IPv4/IPv6 Address management and allocation to members
- Network time server that transmits precise time information to network clients
- Level 1 network troubleshooting and support on Network Nebraska backbone, core network devices and University of Nebraska contracts for Internet access
- Level 2 network troubleshooting and support on Ethernet circuits and other participant routing and DNS
- Onsite and/or remote technician assistance, upon request

Administrative/E-rate

- RFP services and State Master Contract negotiations
- E-rate filing on the eligible portion of the Interregional Transport and statewide Internet
- Consolidated invoicing and E-rate filing on state-contracted fiber Ethernet circuits
- Membership in the Internet2 Community Anchor Program (CAP)
- Membership in the School, Health, Library Broadband (SHLB) Consortium
- Associate membership in the nationwide Quilt Consortium of Statewide Networks
- Management of the statewide purchase contracts for Ethernet transport services, Internet access, and select network equipment vendors
- E-rate archiving of bid documents, invoices, contracts, 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, Interregional Transport, Zoom, and Ethernet
- **Statewide partnership in eduroam implementation and cybersecurity training and awareness resources**
- Network Nebraska website (www.networknebraska.net) development and support

Network Nebraska Participation Fee FY2021-22				Cost Recovery Period				
Date of Last Revision: June 16, 2021	Units	# of Payments Per Year	Price	Cost	Life Cycle	Annualized Cost	FY2020-21 Subtotals	
master lease interest rate						2.0%		
Equipment:								
10x10 Gig line cards (3) for MX (Year 2 of 5)	3	1	\$ 44,520	\$ 133,560	5	\$ 28,092	\$ 28,092	NU
Arista Core 52port 10Gbps (5 of 5)	2	1	\$ 15,283	\$ 30,566	5	\$ 6,429	\$ 6,429	NU
Arbor Networks DDoS (Year 5 of 5)	1	1	\$ 165,135	\$ 165,135	5	\$ 34,733	\$ 34,733	NU
Router -- Grand Island (Year 5 of 5)	1	1	\$ 80,836	\$ 80,836	5	\$ 17,002	\$ 17,002	NU
Router -- Lincoln (Year 5 of 5)	1	1	\$ 82,116	\$ 82,116	5	\$ 17,272	\$ 17,272	NU
Router -- Omaha 1623 Farnam (Year 5 of 5)	1	1	\$ 80,836	\$ 80,836	5	\$ 17,002	\$ 17,002	NU
Router -- ScottsBluff (Year 5 of 5)	1	1	\$ 80,836	\$ 80,836	5	\$ 17,002	\$ 17,002	NU
DNS/DHCP/IPAM Upgrade (Year 3 of 3)	1	1	\$ 30,000	\$ 30,000	3	\$ 10,311	\$ 10,311	NU
Arbor DDoS 10Gig to 20Gig upgrade for OMA and LNK TMS	1	1	\$ 191,004	\$ 191,004	5	\$ 40,174	\$ 40,174	NU
MPC3 line cards (3) with 10x10 and future 100 Gig capability	1	1	\$ 109,934	\$ 109,934	5	\$ 23,123		NU
QFX switch(es) for 1623 Farnam	1	1	\$ 18,851	\$ 18,851	5	\$ 3,965		NU
Norfolk Router - Open Gear OOB - Perfsonar server	1	1	\$ 112,439	\$ 112,439	5	\$ 23,650		NU
Subtotal						\$ 238,757	\$ 188,019	
Equipment Maintenance:								
Router Maintenance -- Grand Island	1	1	\$ 21,245	\$ 21,245	1	\$ 21,245	\$ 21,245	NU
Router Maintenance -- Lincoln	1	1	\$ 28,230	\$ 28,230	1	\$ 28,230	\$ 28,230	NU
Router Maintenance -- Omaha UNO/PKI	1	1	\$ 21,245	\$ 21,245	1	\$ 21,245	\$ 21,245	NU
Router Maintenance -- Scottsbluff	1	1	\$ 18,270	\$ 18,270	1	\$ 18,270	\$ 18,270	NU
Router Maintenance -- Kearney	1	1	\$ 17,565	\$ 17,565	1	\$ 17,565	\$ 17,565	NU
Arbor Maintenance	1	1	\$ 39,960	\$ 39,960	1	\$ 39,960	\$ 39,960	NU
Arista 7150-52 10Gbps Maintenance	2	1	\$ 2,235	\$ 4,470	1	\$ 4,470	\$ 4,470	NU
Arista 7150-24 10Gbps Maintenance	4	1	\$ 1,320	\$ 5,280	1	\$ 5,280	\$ 5,280	NU
Efficient IP M1G-SDS-550-DDI-SA	1	1	\$ 5,534	\$ 5,534	1	\$ 5,534	\$ 5,534	NU
Efficient IP M1G-SDS-260-DDI-SA	1	1	\$ 2,180	\$ 2,180	1	\$ 2,180	\$ 2,180	NU
Juniper EX4550 Maintenance	1	1	\$ 1,380	\$ 1,380	1	\$ 1,380	\$ 1,380	NU
Subtotal							\$ 165,359	
Software								
Automatic Notification System (Alertsense)	0.25	1	\$ 2,244	\$ 561	1	\$ 561	\$ 561	NU
Noction Software (Year 5 of 5)	0.5	1	\$ 58,248	\$ 29,124	5	\$ 6,126	\$ 6,126	NU
Noction Increase in Outbound License from 4Gig to 10Gib	1	1	\$ 43,923	\$ 43,923	1	\$ 43,923	\$ 43,923	NU
Subtotal							\$ 50,610	
Software Maintenance:								
SolarWinds Maintenance	0.5	1	\$ 14,147	\$ 7,074	1	\$ 7,074	\$ 7,074	NU
Noction Maintenance	1	1	\$ 19,914	\$ 19,914	1	\$ 19,914	\$ 19,914	NU
Subtotal							\$ 26,988	
Staff Support -- University of Nebraska								
U of N Support Team						\$ 210,000	\$ 210,000	NU
Training	1	1	\$ 1,875	\$ 1,875	1	\$ 1,875	\$ 1,875	NU
Travel	1	1	\$ 7,500	\$ 7,500	1	\$ 7,500	\$ 7,500	NU
Subtotal							\$ 219,375	
Staff Support -- Office of the CIO (Network Services)								
Network Services Team (including benefits)	0.05	12	\$ 6,230	\$ 3,738	1	\$ 3,738	\$ 3,738	OCIO
Admin Program Officer	1	12	\$ 1,966	\$ 23,592	1	\$ 23,592	\$ 23,592	OCIO
Travel/Videoconferencing	1	1	\$ 500	\$ 500	1	\$ 500	\$ 500	OCIO
OCIO Project Management (2024 RFP)	1	1	\$ 5,000	\$ 5,000	1	\$ 5,000	\$ 5,000	OCIO
Subtotal							\$ 32,830	
Staff Support -- Nebraska Dept of Ed (E-rate Services)								
State E-rate Coordinator	1	4	\$ 5,250	\$ 21,000	1	\$ 21,000	\$ 21,000	NDE
Travel	1	1	\$ 500	\$ 500	1	\$ 500	\$ 500	NDE
Subtotal							\$ 21,500	
Other:								
ARIN Registry Services	1	1	\$ 2,225	\$ 2,225	1	\$ 2,225	\$ 2,225	NU
NDC Rack Hosting (2020-21)	1	12	\$ 2,050	\$ 2,050	1	\$ 24,600	\$ 24,600	NU
Internet2 Community Anchor Program (CAP) Membership	1	1	\$ 41,000	\$ 41,000	1	\$ 41,000	\$ 41,000	NU
SHLB Coalition Membership	1	1	\$ 2,500	\$ 2,500	1	\$ 2,500	\$ 2,500	OCIO
NNAG Outreach	1	1	\$ 2,500	\$ 2,500	1	\$ 2,500	\$ 2,500	OCIO
SFP Modules 10Gbps SR's / LR's	1	1	\$ 5,000	\$ 5,000	1	\$ 5,000	\$ 5,000	NU
Patch Cables and Termination tools	1	1	\$ 1,000	\$ 1,000	1	\$ 1,000	\$ 1,000	NU
Traffic Testing Equipment for core aggregation points	5	1	\$ 2,000	\$ 10,000	1	\$ 10,000	\$ 10,000	NU
Network Nebraska Toll-Free Number	1	1	\$ 433	\$ 433	1	\$ 433	\$ 433	OCIO
Remote Router Terminal Server Cellular Data Service x 7	1	12	\$ 20	\$ 240	1	\$ 240	\$ 240	NU
Subtotal							\$ 89,498	
Total							\$ 794,177	
Indirect Cost Allocation (Interregional Transport Fee)	7%	1	\$ 83,006	\$ 5,810	1	\$ 5,810	\$ 5,810	DAS
Indirect Cost Allocation (K-12 & H.E. Internet Access)	7%	1	\$ 184,037	\$ 12,883	1	\$ 12,883	\$ 12,883	DAS
Indirect Cost Allocation (Participation Fee)	7%	1	\$ 794,177	\$ 55,592	1	\$ 55,592	\$ 55,592	DAS
Subtotal							\$ 74,285	
Total							\$ 868,463	
Projected Units of Sale						\$ 293		
Annual Cost Per Unit						\$ 2,964		
Monthly Cost Per Unit	12 months					\$ 247.00		
Total Projected Revenue						\$ 868,463		

	A	B	C	D	E	F	G
1	Network Nebraska Interregional Transport Fee FY 2021-22				Cost Recovery Period		
2	Date of Last Revision: June 16, 2021				Cost	Life Cycle	Annualized Cost
3		Units	# of Payments Per Year	Price			
4	Backbone Transport Circuit Costs						
5							
6							
7							
8	Grand Island to Omaha, 10 Gbps (Great Plains, 89974, Line 174)	1	12	\$1,911.00	\$22,932.00	1	\$ 22,932.00
9	Kearney UNK to Scottsbluff, 6 Gbps (NebraskaLink 89977, Lines 230-231)	1	12	\$1,711.20	\$20,534.40	1	\$ 20,534.40
10	Scottsbluff to Omaha, 6 Gbps (Allo 89978, Lines 20-21)	1	12	\$1,385.00	\$16,620.00	1	\$ 16,620.00
11	Norfolk to Grand Island, 2Gbps (Great Plains, 89971, Line	1	12	\$1,910.00	\$22,920.00	1	\$ 22,920.00
12							
13	Long-haul Subtotal				\$83,006.40		
14							
15	Admin Asst III Costs (OCIO)	1	12	\$1,353.31	\$16,239.72	1	\$16,239.72
16							
17							
18		Total					\$ 99,246.12
19							
20		Projected Units of Sale					293
21							
22							
23							
24							
25	FY 2020-21 E-RATE CALCULATIONS						
26					Total Units	K-12 Units	H.E. Units
27					293	272	21
28	Form 471 Certification Results		5/11/2021	Cost Recovery Formula	Annual	Monthly	Total
29	Total Funding Year pre-cost allocation amount	\$ 83,006.40		Higher Ed Contributions	\$ 283.30	\$ 23.61	\$ 5,949.26
30	Total Annual Cost Allocation for Higher Education	\$ 5,949.26					
31	Total Funding Year pre-discount amount	\$ 77,057.14					
32	Total Funding Commitment Request (68%)	\$ 52,392.91		E-rate		\$ 16.05	\$ 52,392.91
33				K-12 (post erate)		\$ 7.56	\$ 24,664.23
34	Total Budgeted Amount allocated to resources not eligible for Erate	\$ 539,136.00		K-12 Contributions			\$ 77,057.14
35	Total amount necessary for the applicant to pay the non-discount share	\$ 539,136.00		TOTAL			\$ 83,006.40
36							
37	INTERREGIONAL TRANSPORT FEE, 2007-PRESENT						
38					Total		
39	Performance Year	K-12 Monthly	Higher Ed Monthly		# entities	Comments	
40	2007-08	\$ -	\$ -		94	(No backbone in service)	
41	2008-09	\$ 34.21	\$ 93.35		182	(State RFP 1752)	
42	2009-10	\$ 34.48	\$ 92.72		232		
43	2010-11	\$ 36.45	\$ 115.78		226	(1 entity, 1 fee structure)	
44	2011-12	\$ 31.69	\$ 101.09		246		
45	2012-13	\$ 18.67	\$ 61.28		252	(State RFPs 3827, 3886)	
46	2013-14	\$ 17.38	\$ 53.80		261		
47	2014-15	\$ 18.30	\$ 57.79		274	(State RFP 4582)	
48	2015-16	\$ 22.12	\$ 70.39		285	(ESU 3, 5, 6 Aggregations)	
49	2016-17	\$ 21.49	\$ 67.16		291		
50	2017-18	\$ 17.72	\$ 53.70		291	(State RFP 5562)	
51	2018-19	\$ 12.46	\$ 30.61		292	(including surcharge for Admin)	
52	2019-20	\$ 12.29	\$ 23.55		292	(including surcharge for Admin)	
53	2020-21	\$ 12.49	\$ 24.15		292	(including surcharge for Admin)	
54	2021-22	\$ 12.49	\$ 24.15		293	(including surcharge for Admin)	

Higher Education Internet 2021-22

Higher Education Entity		Confirmation Date	2021-22 Quantity (Mbps)	2021-22 Unit Cost (projected)	2021-22 Internet Monthly Total	2021-22 Peering Quantity (Mbps)	2021-22 CPS Unit Cost	2021-22 CPS Monthly Total	Combined Monthly Total	Total Annual Invoice Cost	FY21-22 Validation/ Comments
1	Central Community College	2/16/2021	900	\$ 0.24	\$ 216.00	900	\$ 0.0300	\$ 27.00	\$ 243.00	\$ 2,916.00	Tom Peters
2	Chadron State College	2/12/2021	1,000	\$ 0.24	\$ 240.00	1,000	\$ 0.0300	\$ 30.00	\$ 270.00	\$ 3,240.00	Ann Burk
3	City of Lincoln	3/2/2021	2,500	\$ 0.24	\$ 600.00	2,500	\$ 0.0300	\$ 75.00	\$ 675.00	\$ 8,100.00	Craig Gifford
4	Clarkson College	2/15/2021	800	\$ 0.24	\$ 192.00	800	\$ 0.0300	\$ 24.00	\$ 216.00	\$ 2,592.00	Ryan Schurman
5	College of St. Mary	3/2/2021	1,000	\$ 0.24	\$ 240.00	1,000	\$ 0.0300	\$ 30.00	\$ 270.00	\$ 3,240.00	Kevin Sholl
6	Creighton University	3/2/2021	3,000	\$ 0.24	\$ 720.00	3,000	\$ 0.0300	\$ 90.00	\$ 810.00	\$ 9,720.00	Chris Vaverek
7	Doane University	3/8/2021	2,000	\$ 0.24	\$ 480.00	2,000	\$ 0.0300	\$ 60.00	\$ 540.00	\$ 6,480.00	Derek Bierman
8	Lincoln City Libraries	2/12/2021	500	\$ 0.24	\$ 120.00	500	\$ 0.0300	\$ 15.00	\$ 135.00	\$ 1,620.00	Rod Cummings
9	Little Priest Tribal College	3/2/2021	200	\$ 0.24	\$ 48.00	200	\$ 0.0300	\$ 6.00	\$ 54.00	\$ 648.00	Morri Conway
10	Metro Community College	2/16/2021	2,048	\$ 0.24	\$ 491.52	2,048	\$ 0.0300	\$ 61.44	\$ 552.96	\$ 6,635.52	Seth Curtis
11	Midland University	3/3/2021	1,000	\$ 0.24	\$ 240.00	1,000	\$ 0.0300	\$ 30.00	\$ 270.00	\$ 3,240.00	Shane Perrien
12	Mid-Plains Community College	2/15/2021	900	\$ 0.24	\$ 216.00	900	\$ 0.0300	\$ 27.00	\$ 243.00	\$ 2,916.00	Trent Wiese
13	Nebraska Indian Community College	2/12/2021	200	\$ 0.24	\$ 48.00	200	\$ 0.0300	\$ 6.00	\$ 54.00	\$ 648.00	Justin Kocian
14	Nebraska Game and Parks Commission	3/3/2021	100	\$ 0.24	\$ 24.00	100	\$ 0.0300	\$ 3.00	\$ 27.00	\$ 324.00	Troy Kroeger
15	Nebraska Wesleyan University	2/16/2021	1,750	\$ 0.24	\$ 420.00	1,750	\$ 0.0300	\$ 52.50	\$ 472.50	\$ 5,670.00	Steven Dow
16	Northeast Community College	2/15/2021	200	\$ 0.24	\$ 48.00	200	\$ 0.0300	\$ 6.00	\$ 54.00	\$ 648.00	Bret Steinhauser
17	Peru State College	3/2/2021	750	\$ 0.24	\$ 180.00	750	\$ 0.0300	\$ 22.50	\$ 202.50	\$ 2,430.00	Gene Beardslee
18	Southeast Community College	3/2/2021	1,000	\$ 0.24	\$ 240.00	1,000	\$ 0.0300	\$ 30.00	\$ 270.00	\$ 3,240.00	Ed Koster
19	Union College	2/16/2021	800	\$ 0.24	\$ 192.00	800	\$ 0.0300	\$ 24.00	\$ 216.00	\$ 2,592.00	Richard Henriques
20	University of Nebraska	3/2/2021	200	\$ 0.24	\$ 48.00	200	\$ 0.0300	\$ 6.00	\$ 54.00	\$ 648.00	Greg Gray
21	UNMC/Nebraska Medicine	3/5/2021	5,000	\$ 0.24	\$ 1,200.00		\$ 0.0300	\$ -	\$ 1,200.00	\$ 14,400.00	Jeff Bergholz
22	Wayne State College	3/5/2021	2,500	\$ 0.24	\$ 600.00	2,500	\$ 0.0300	\$ 75.00	\$ 675.00	\$ 8,100.00	John Dunning
23	Western Nebraska Community College	2/15/2021	1,000	\$ 0.24	\$ 240.00	1,000	\$ 0.0300	\$ 30.00	\$ 270.00	\$ 3,240.00	Loren Moench
TOTALS		2021-22	29,348		\$ 7,043.52	24,348		\$ 730.44	\$ 7,773.96	\$ 93,287.52	
					\$84,522.24			\$8,765.28	\$93,287.52		
		2020-21	27,648		\$79,626.24						
		% change	6.1%		6.1%						

2021-22 Statewide E-rate Internet												
	Education Entity	Date Received by OCIO	NN Aggregation Point	2021-22 Quantity (Mbps)	2021-22 Unit Cost POST-ERATE (\$/Mbps/month) PROJECTED COST	2021-22 Internet Monthly Total	2021-22 CPS Quantity (Mbps)	2021-22 CPS Unit Cost	2021-22 CPS Monthly Total	Combined Monthly Total	Total Annual Invoice Cost	Respondent
1	Brownell-Talbot School	3/5/2021	Omaha	800	\$ 0.0800	\$ 64.00	800	\$ 0.0300	\$ 24.00	\$ 88.00	\$ 1,056.00	Ed Krueger
2	DHHS-Nebraska	3/1/2021	Lincoln	200	\$ 0.0800	\$ 16.00	200	\$ 0.0300	\$ 6.00	\$ 22.00	\$ 264.00	Mark Nelson
3	Educational Service Units 1,2,7,8,17 (NNNC)	3/5/2021	Omaha	8,000	\$ 0.0800	\$ 640.00	8,000	\$ 0.0300	\$ 240.00	\$ 880.00	\$ 10,560.00	Andy Boell
4	Educational Service Unit 03	2/12/2021	Omaha	15,000	\$ 0.0800	\$ 1,200.00	15,000	\$ 0.0300	\$ 450.00	\$ 1,650.00	\$ 19,800.00	Bill Pulte
5	Educational Service Unit 05 (SNDLC)	3/4/2021	Lincoln	2,500	\$ 0.0800	\$ 200.00	2,500	\$ 0.0300	\$ 75.00	\$ 275.00	\$ 3,300.00	Ryan McDowell
6	Educational Service Units 04-06 (DVLG)	2/23/2021	Lincoln	3,500	\$ 0.0800	\$ 280.00	3,500	\$ 0.0300	\$ 105.00	\$ 385.00	\$ 4,620.00	Dustin Buggi
7	Educational Service Unit 09	3/4/2021	G.I.	2,500	\$ 0.0800	\$ 200.00	2,500	\$ 0.0300	\$ 75.00	\$ 275.00	\$ 3,300.00	Gary Needham
8	Educational Service Unit 10	4/8/2021 (rev)	G.I.	4,500	\$ 0.0800	\$ 360.00	4,500	\$ 0.0300	\$ 135.00	\$ 495.00	\$ 5,940.00	Ron Cone
9	Educational Service Unit 11	2/12/2021	G.I.	1,000	\$ 0.0800	\$ 80.00	1,000	\$ 0.0300	\$ 30.00	\$ 110.00	\$ 1,320.00	Wade Gibson
10	Educational Service Unit 13	3/2/2021	Omaha	2,500	\$ 0.0800	\$ 200.00	2,500	\$ 0.0300	\$ 75.00	\$ 275.00	\$ 3,300.00	B.J. Peters
11	Educational Service Unit 15	3/8/2021	G.I.	950	\$ 0.0800	\$ 76.00	950	\$ 0.0300	\$ 28.50	\$ 104.50	\$ 1,254.00	Scott Jones
12	Educational Service Unit 16	3/8/2021	G.I.	1,250	\$ 0.0800	\$ 100.00	1,250	\$ 0.0300	\$ 37.50	\$ 137.50	\$ 1,650.00	Scott Jones
13	Grand Island Public Library	2/25/2021	G.I.	300	\$ 0.0800	\$ 24.00	300	\$ 0.0300	\$ 9.00	\$ 33.00	\$ 396.00	Celine Swan
14	Columbus Public Schools	3/5/2021	Lincoln	2,000	\$ 0.0800	\$ 160.00	2,000	\$ 0.0300	\$ 60.00	\$ 220.00	\$ 2,640.00	Leonard Kwapnioski
15	Lexington Public Schools	2/17/2021	G.I.	3,000	\$ 0.0800	\$ 240.00	3,000	\$ 0.0300	\$ 90.00	\$ 330.00	\$ 3,960.00	Kristi Jergensen
16	Lincoln Catholic Diocese School System	3/5/2021	Lincoln	750	\$ 0.0800	\$ 60.00	750	\$ 0.0300	\$ 22.50	\$ 82.50	\$ 990.00	Chris Hobbs
17	Lincoln Public Schools (ESU 18)	3/5/2021	Lincoln	10,000	\$ 0.0800	\$ 800.00	10,000	\$ 0.0300	\$ 300.00	\$ 1,100.00	\$ 13,200.00	Tim Klein
18	Omaha Public Library	2/16/2021	Omaha	2,000	\$ 0.0800	\$ 160.00	2,000	\$ 0.0300	\$ 60.00	\$ 220.00	\$ 2,640.00	Jason Goossen
19	Omaha Public Schools (ESU 19)	2/16/2021	Omaha	10,000	\$ 0.0800	\$ 800.00	10,000	\$ 0.0300	\$ 300.00	\$ 1,100.00	\$ 13,200.00	Bobbi Gatrost
			TOTAL	70,750		\$ 5,660.00	70,750		\$ 2,122.50	\$ 7,782.50	\$ 93,390.00	
			Omaha	35,800		\$ 67,920.00			\$ 25,470.00	\$ 93,390.00		
			Lincoln	16,950								
			Grand Island	16,000								
			2021-22	70,750		\$ 67,920.00						
			2020-21	59,200		\$ 56,832.00						
			% change	19.5%		19.5%						