

RFP RESPONSE FOR
STATE OF NEBRASKA
RFP 6740 Z1: High Speed Transport Services

January 17, 2023 | 2:00 pm CST

EXECUTIVE SUMMARY

Thank you for the opportunity to bid on the State of Nebraska Request for Proposal; RFP 6740 Z1. The RFP was issued for the purpose of selecting a qualified contractor or contractors to design, develop and implement a high-speed, layer 2, IP-based, Ethernet Wide Area Network to interconnect eligible entities. The Great Plains Communications (GPC) bid includes K-12 connections to Network Nebraska, Higher Education connections to Network Nebraska, Municipality connections to Network Nebraska and Library connections to Network Nebraska.

GPC is proposing each connection directly to each location over its owned and managed fiber network. We have provided pricing for bandwidth from 100 Mbps up to and including 10,000 Mbps Ethernet bandwidth. Today, we directly connect to Network Nebraska at separate and diverse State of Nebraska data centers including Scottsbluff, Grand Island and Omaha.

Why Great Plains Communications?

A Solid Company with a Solid Network

Great Plains Communications is the largest independent communications company in Nebraska. We serve over 90 Nebraska communities with forward-thinking technology solutions including voice, internet, data and video. The company owns, manages, and maintains 16,500 miles of fiber across our network in 12 midwestern states. including over 600 fiber miles in the Omaha area. This robust, MEF-certified fiber network spans the state and is designed with ringed redundancy, scalability and flexibility. The network is the core of our ability to provide carrier grade Ethernet services on lit fiber to schools, businesses, hospitals and government agencies.

A Century of Experience and Reliability

Great Plains Communications has a proven track record of delivering high-speed, layer 2, Ethernet communication services to the State of Nebraska and Network Nebraska-Education. The company currently delivers services to over 100 K-12 schools, colleges, universities, and municipalities in Nebraska. Our state of the art MEF-certified network architecture is built with core working and protect paths that enable us to consistently deliver on Service Level Agreement requirements with 99.99% uptime, and exceed the requirement of less than 15 milliseconds of latency for each school, regardless of Nebraska location. The network is monitored 24 x 7 x 365 in our own Network Operations Center (NOC) in Blair, Nebraska. Experienced NOC technicians pride themselves on going above and beyond by monitoring all network traffic and proactively communicating with the State of Nebraska regarding any changes, upgrade opportunities or to resolve network issues quickly.

Organized and Accountable

The Great Plains Communications Project Management team works closely to coordinate tasks and communication both internally and with the State of Nebraska to ensure deadlines are met. This is a strength we have demonstrated in our past school fiber installations, and a strong differentiator that sets our service and quality apart in the marketplace.

Dedicated, Local Teams Who Respond Quickly

From the first customer contact through design, turn-up, testing and maintenance, you will work with a Nebraska-based team committed to developing custom solutions and providing superior support and services to schools across Nebraska. We employ over 400 associates who live and work in the communities we serve. Half of the employees are broadband technicians positioned strategically across Nebraska to support the needs of our customers. We also have equipment and multiple fiber splice trailers located across the state. These differentiating factors allow GPC the ability to dispatch both equipment and employees quickly, which results in the company meeting 'Mean Time to Repair'(MTTR) service level agreements and maintaining an unprecedented 4-hour or less MTTR.

Financial Strength

GPC has the capital required to bid on and fulfill projects to completion. Because the company is committed to the success of Nebraska schools, we've consistently leveraged our financial strength to take on challenging opportunities that further education.

Commitment to our Schools Program

As part of our commitment to empowering and improving Nebraska education, GPC offers several scholarship options for graduating high school seniors. The company also offers annual grant opportunities for educators to improve curriculum and offer new classroom programs. Other support examples include the funding and sponsorship of education-based events.

The Great Plains Communications Proposal

Our proposal response includes the following options for layer 2, IP-based, Ethernet Wide Area Network:

We have included pricing to the individual sites for each of the four sections requested in the RFP, including K-12, Higher Education, Municipalities and Libraries.

Conclusion

As part of our culture, the GPC team is dedicated to continuing our tradition of delivering superior service and reliability for the State of Nebraska. We are proud to support the advancement of Nebraska education. The compiled response provides the quality, services and competitive pricing needed to meet or exceed the State's current needs, while positioning schools for future success as technology needs and expectations continue to grow.

We would appreciate the opportunity to meet in person and review our proposal, outline our project management approach and learn more about the State of Nebraska's communications roadmap and how we may further support the plan.

This RFP will further our relationship and long history with Nebraska schools and Network Nebraska, providing distance learning for the students, teachers, administrators, libraries and municipalities across the State of Nebraska. We appreciate the opportunity to respond and look forward to an ongoing partnership and a bright future for Nebraska education.

ABOUT **GREAT PLAINS COMMUNICATIONS**



Great Plains Communications is headquartered in Blair, Nebraska with offices strategically located across our service areas including 2 locations in the Omaha Metro. We are one of the largest privately-owned telecommunications providers in the Midwest, serving communities in Nebraska, Iowa and Indiana. Founded in 1910 by E.C. Hunt as a Nebraska phone company, Great Plains Communications has evolved over the past century, keeping pace with technology and increasing bandwidth demands to become a leading regional network and fiber services provider.

Business and enterprise services range from traditional and Cloud-based voice and data products to installation and support of large networks with scalable Internet and Ethernet solutions. The company also takes pride in our progressive approach to accommodating the unique needs of carrier and wholesale customers including regional and national telecommunications carriers, LECs, ISPs, wireless carriers and other providers utilizing superior custom engineering and custom-build strategies.

At the core of the company's service offering is an extensive, 16,500+-mile, MEF certified regional fiber network, fully supported by our 24x7x365 Network Operations Center. The network encompasses the state of Nebraska extending into Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Missouri, Nebraska, Ohio, South Dakota, Wisconsin and Wyoming.

As part of its heritage, culture and values, Great Plains Communications remains fully committed to the sustainment and advancement of the communities we serve. The company donates a significant amount of annual income to support community projects, provide education grants and scholarships and serve causes that positively impact our customers. Over half of the 350 employees live and work in the communities where they provide service and donate thousands of hours as firefighters, paramedics, mentors, board members, scout or church leaders and to other worthy causes.

SENIOR LEADERSHIP



Todd Foje is Chief Executive Officer of Great Plains Communications (GPC) and Great Plains Underground Construction. In this role, he leads the company mission and vision, defines and implements growth and business strategy and is the main point of contact with the Board of Directors. He joined the company in 2003 after serving as an independent director for one of the ten largest national payment collection firms. Todd earned his Bachelor of Business Administration from Creighton University, his Juris Doctor degree from George Washington University and a Master of Law in Taxation (LLM) degree from Georgetown University. He has experience as both a Certified Public Accountant and an attorney.



Janelle Allison joined GPC in 2005 and currently serves as the Chief Service Delivery Officer. She is a Certified Public Accountant with over 30 years of accounting and finance experience. In addition she has over a decade of experience in the telecommunications industry including software, telemarketing, underground utility locating, state one-call notifications systems and telephone, cable TV and Internet communications.



Josephine Bernson serves as the Chief Revenue Officer for GPC. In this role she is responsible for driving revenue generation efforts and identifying growth opportunities for the enterprise and carrier divisions of the company. She also leads and develops the sales and marketing teams and provides critical input into product development and customer experience strategies. Josephine has 15 years of experience producing high-revenue growth for telecommunications and media companies ranging from start-up to global Fortune 500.



Tony Thakur is the Chief Technology Officer of GPC where he guides the company's technology vision and focuses on expanding and enhancing its robust fiber network. He also works to identify and implement new innovative technologies to expand the company product offerings, focuses on national geographic network expansion opportunities and introduces automation to drive efficiencies. He has over two decades of experience in C-level and senior executive roles in the telecommunications industry. Tony graduated with a Master of Science in Engineering Management from the Florida Institute of Technology, Melbourne, Florida and a Bachelor of Science in Electrical Engineering from the University of Texas, Arlington, Texas.



Joe Pellegrini is the Chief Construction Officer at GPC. Joe is an industry veteran with more than 20 years of leadership experience within operations, telecommunications, wireless deployment, and construction management. He is responsible for GPC's strategic growth initiatives in new and existing Midwestern markets.



Ken Pfister is Vice President of Strategic Policy for GPC. He is responsible for the company strategy and policies for inter-carrier compensation, interconnection, universal service and other regulatory issues. Ken has been with Great Plains Communications since 2000 and has over 25 years of experience in the telecommunications industry.



Kim Ptacnik is the Vice President of Human Resources (HR). She joined GPC as an HR Assistant after graduating from the University of Nebraska at Omaha with a Bachelor of Science in Business Administration degree in 1985. Over the years she has served in roles ranging from supervisor to senior director, playing an important part in developing and inspiring the culture that's the backbone of Great Plains Communications: high-performing people.



Mark Kerns is the Vice President of Accounting and Finance and Treasurer for GPC. He directs the company's financial management and growth strategy while overseeing all aspects of the accounting operations. Mark joined the company as a Senior Accounting Manager in 2012 after working for Lutz & Company, Pricewaterhouse Coopers and Coopers & Lybrand. He graduated from the University of Nebraska at Omaha with a Master of Business Administration and Bachelor of Science in Business Administration degrees in Accounting.

COMMUNITY PARTNER

Great Plains Communications (GPC) realizes the need to continue the tradition of giving back to the communities we serve. Therefore, the company continues our century-long tradition of employees living, working and volunteering. Over the years we have developed a culture of community through the following programs.



Commitment to our schools

GPC offers annual assistance to potential students, teachers and schools across our Nebraska and Indiana service area. Opportunities include:

- Scholarships
- New program grants
- Sponsorship of education-based events



Sponsorships and donations

Great Plains Communications is proud to sponsor and donate to causes and events that help promote and grow the communities we serve. We have provided grants to nonprofit organizations for projects that help enhance and improve the community.



Volunteerism

With both integrity and community as company core values, Great Plains Communications believes in giving back. That is why over half of our over 350+ employees live and work in the communities we serve. These employees donate thousands of hours as firefighters, paramedics, mentors, board members, scout or church leaders and members of other community-based organizations.



SERVICE PROVIDER ID NUMBER **(498 ID NUMBER)**

Great Plains Communications, LLC.
S.P.I.N. / 498 ID 143002186

Great Plains Communications Contact for Universal Service Administrative Co. (USAC):

Customer Response Business Care
(888) 343-8014 Option 3
Erate@gpcom.com

- With several years of experience processing and applying USAC funding credits, Great Plains Communications has the supportive resources needed for the servicing and application of USAC awarded funds.
- Great Plains Communications provides SPI Invoicing Discounts when processing USAC fund invoices. The credit is applied to the account after the company receives a copy of the customer's completed Form 486.
- Great Plains Communications can provide supporting documentation during USAC reviews and appeals. Due to customer privacy concerns, the information provided is limited in scope; the customer may need to provide USAC additional information. Customer support is encouraged to take place after the bidding and award process is completed for the funding year.

Circuit #	USAC Billed Entity Number	ESU	BILLED ENTITY NAME FIBER SITE NAME	SEEKING	CIRCUIT TOPOLOGY- PICK ONE	CIRCUIT HANDOFF- PICK ONE	Non-recurring Cost-- Grand Island-College Park, 3180 W. Hwy 34	Monthly Recurring Cost-- Grand Island-College Park, 3180 W. Hwy 34	Monthly Taxes and Fees*-- Grand Island-College Park, 3180 W. Hwy 34	Total 48-month Cost-- Grand Island-College Park, 3180 W. Hwy 34	Non-recurring Cost-- Kearney-UNMC Health Sciences Ed Complex; 2402 University Drive	Monthly Recurring Cost-- Kearney-UNMC Health Sciences Ed Complex; 2402 University Drive	Monthly Taxes and Fees*-- Kearney-UNMC Health Sciences Ed Complex; 2402 University Drive	Total 48-month Cost-- Kearney-UNMC Health Sciences Ed Complex; 2402 University Drive	Non-recurring Cost-- Lincoln-Nebraska Hall, 901 N. 17th	Monthly Recurring Cost-- Lincoln-Nebraska Hall, 901 N. 17th	Monthly Taxes and Fees*-- Lincoln-Nebraska Hall, 901 N. 17th	Total 48-month Cost-- Lincoln-Nebraska Hall, 901 N. 17th	Non-recurring Cost-- Omaha-Peter Kiewit Institute, 1110 S. 67th	Monthly Recurring Cost-- Omaha-Peter Kiewit Institute, 1110 S. 67th	Monthly Taxes and Fees*-- Omaha-Peter Kiewit Institute, 1110 S. 67th	Total 48-month Cost-- Omaha-Peter Kiewit Institute, 1110 S. 67th	Non-recurring Cost-- Omaha-NDC, 1623 Farnam	Monthly Recurring Cost-- Omaha-NDC, 1623 Farnam	Monthly Taxes and Fees*-- Omaha-NDC, 1623 Farnam	Total 48-month Cost-- Omaha-NDC, 1623 Farnam	Non-recurring Cost-- Scottsbluff-Panhandle Research Center, 4502 Ave I	Monthly Recurring Cost-- Scottsbluff-Panhandle Research Center, 4502 Ave I	Monthly Taxes and Fees*-- Scottsbluff-Panhandle Research Center, 4502 Ave I	Total 48-month Cost-- Scottsbluff-Panhandle Research Center, 4502 Ave I
K--12 CONNECTIONS TO NETWORK NEBRASKA																														
1	138601	8	CHAMBERS PUBLIC SCHOOLS																											
			CHAMBERS HIGH SCHOOL	100 Mbps	EVPL	Existing NNI	\$ 150,000.00	\$ 443.43	\$ -	\$ 171,284.64	\$ 150,000.00	\$ 443.43	\$ -	\$ 171,284.64	NO BID	NO BID	NO BID	#VALUE!	\$ 150,000.00	\$ 443.43	\$ -	\$ 171,284.64	\$ 150,000.00	\$ 443.43	\$ -	\$ 171,284.64	\$ 150,000.00	\$ 443.43	\$ -	\$ 171,284.64
			201 SOUTH A STREET	200 Mbps			\$ 150,000.00	\$ 562.84	\$ -	\$ 177,016.32	\$ 150,000.00	\$ 562.84	\$ -	\$ 177,016.32	NO BID	NO BID	NO BID	#VALUE!	\$ 150,000.00	\$ 562.84	\$ -	\$ 177,016.32	\$ 150,000.00	\$ 562.84	\$ -	\$ 177,016.32	\$ 150,000.00	\$ 562.84	\$ -	\$ 177,016.32
			CHAMBERS, NE 68725-0218	300 Mbps			\$ 150,000.00	\$ 931.00	\$ -	\$ 194,688.00	\$ 150,000.00	\$ 931.00	\$ -	\$ 194,688.00	NO BID	NO BID	NO BID	#VALUE!	\$ 150,000.00	\$ 931.00	\$ -	\$ 194,688.00	\$ 150,000.00	\$ 931.00	\$ -	\$ 194,688.00	\$ 150,000.00	\$ 931.00	\$ -	\$ 194,688.00
			Brent Pickrel, bpickrel@esu8.org 402-887-5041 x 1234	400 Mbps			\$ 147,000.00	\$ 987.00	\$ -	\$ 194,376.00	\$ 147,000.00	\$ 987.00	\$ -	\$ 194,376.00	NO BID	NO BID	NO BID	#VALUE!	\$ 147,000.00	\$ 987.00	\$ -	\$ 194,376.00	\$ 147,000.00	\$ 987.00	\$ -	\$ 194,376.00	\$ 147,000.00	\$ 987.00	\$ -	\$ 194,376.00
			HOLT COUNTY	500 Mbps			\$ 147,000.00	\$ 1,038.10	\$ -	\$ 196,828.80	\$ 147,000.00	\$ 1,038.10	\$ -	\$ 196,828.80	NO BID	NO BID	NO BID	#VALUE!	\$ 147,000.00	\$ 1,038.10	\$ -	\$ 196,828.80	\$ 147,000.00	\$ 1,038.10	\$ -	\$ 196,828.80	\$ 147,000.00	\$ 1,038.10	\$ -	\$ 196,828.80
2	138726	10	AMHERST PUBLIC SCHOOLS																											
			AMHERST HIGH SCHOOL	300 Mbps	EVPL	Existing NNI	\$ 133,000.00	\$ 931.00	\$ -	\$ 177,688.00	\$ 133,000.00	\$ 931.00	\$ -	\$ 177,688.00	NO BID	NO BID	NO BID	#VALUE!	\$ 133,000.00	\$ 931.00	\$ -	\$ 177,688.00	\$ 133,000.00	\$ 931.00	\$ -	\$ 177,688.00	\$ 133,000.00	\$ 931.00	\$ -	\$ 177,688.00
			100 N SYCAMORE ST	500 Mbps			\$ 133,000.00	\$ 674.77	\$ -	\$ 165,388.96	\$ 133,000.00	\$ 674.77	\$ -	\$ 165,388.96	NO BID	NO BID	NO BID	#VALUE!	\$ 133,000.00	\$ 674.77	\$ -	\$ 165,388.96	\$ 133,000.00	\$ 674.77	\$ -	\$ 165,388.96	\$ 133,000.00	\$ 674.77	\$ -	\$ 165,388.96
			AMHERST, NE 68812	700 Mbps			\$ 128,000.00	\$ 1,164.10	\$ -	\$ 183,876.80	\$ 128,000.00	\$ 1,164.10	\$ -	\$ 183,876.80	NO BID	NO BID	NO BID	#VALUE!	\$ 128,000.00	\$ 1,164.10	\$ -	\$ 183,876.80	\$ 128,000.00	\$ 1,164.10	\$ -	\$ 183,876.80	\$ 128,000.00	\$ 1,164.10	\$ -	\$ 183,876.80
			Karla Rohde, rohde@amherstbroncos.org; 308-826-3131	1000 Mbps			\$ 128,000.00	\$ 1,303.40	\$ -	\$ 190,563.20	\$ 128,000.00	\$ 1,303.40	\$ -	\$ 190,563.20	NO BID	NO BID	NO BID	#VALUE!	\$ 128,000.00	\$ 1,303.40	\$ -	\$ 190,563.20	\$ 128,000.00	\$ 1,303.40	\$ -	\$ 190,563.20	\$ 128,000.00	\$ 1,303.40	\$ -	\$ 190,563.20
			BUFFALO COUNTY	2000 Mbps			\$ 128,000.00	\$ 1,051.23	\$ -	\$ 178,459.04	\$ 128,000.00	\$ 1,051.23	\$ -	\$ 178,459.04	NO BID	NO BID	NO BID	#VALUE!	\$ 128,000.00	\$ 1,051.23	\$ -	\$ 178,459.04	\$ 128,000.00	\$ 1,051.23	\$ -	\$ 178,459.04	\$ 128,000.00	\$ 1,051.23	\$ -	\$ 178,459.04
3	79240	10	KEARNEY CATHOLIC HIGH SCHOOL																											
			KEARNEY CATHOLIC HIGH SCHOOL	400 Mbps	EVPL	Existing NNI	\$ -	\$ 444.15	\$ -	\$ 21,319.20	\$ -	\$ 444.15	\$ -	\$ 21,319.20	NO BID	NO BID	NO BID	#VALUE!	\$ -	\$ 444.15	\$ -	\$ 21,319.20	\$ -	\$ 444.15	\$ -	\$ 21,319.20	\$ -	\$ 444.15	\$ -	\$ 21,319.20
			110 E 35TH STREET	600 Mbps			\$ -	\$ 496.44	\$ -	\$ 23,829.12	\$ -	\$ 496.44	\$ -	\$ 23,829.12	NO BID	NO BID	NO BID	#VALUE!	\$ -	\$ 496.44	\$ -	\$ 23,829.12	\$ -	\$ 496.44	\$ -	\$ 23,829.12	\$ -	\$ 496.44	\$ -	\$ 23,829.12
			KEARNEY, NE 68847	800 Mbps			\$ -	\$ 544.63	\$ -	\$ 26,142.24	\$ -	\$ 544.63	\$ -	\$ 26,142.24	NO BID	NO BID	NO BID	#VALUE!	\$ -	\$ 544.63	\$ -	\$ 26,142.24	\$ -	\$ 544.63	\$ -	\$ 26,142.24	\$ -	\$ 544.63	\$ -	\$ 26,142.24
			Kris Conner, kris.conner@kearneycatholic.org; 308-234-2610 ext.	1000 Mbps			\$ -	\$ 586.53	\$ -	\$ 28,153.44	\$ -	\$ 586.53	\$ -	\$ 28,153.44	NO BID	NO BID	NO BID	#VALUE!	\$ -	\$ 586.53	\$ -	\$ 28,153.44	\$ -	\$ 586.53	\$ -	\$ 28,153.44	\$ -	\$ 586.53	\$ -	\$ 28,153.44
			BUFFALO COUNTY	2000 Mbps			\$ -	\$ 727.78	\$ -	\$ 34,933.44	\$ -	\$ 727.78	\$ -	\$ 34,933.44	NO BID	NO BID	NO BID	#VALUE!	\$ -	\$ 727.78	\$ -	\$ 34,933.44	\$ -	\$ 727.78	\$ -	\$ 34,933.44	\$ -	\$ 727.78	\$ -	\$ 34,933.44
4	138824	10	ST PAUL PUBLIC SCHOOLS																											
			ST PAUL HIGH SCHOOL	300 Mbps	EVPL	Existing NNI	\$ 25,000.00	\$ 837.90	\$ -	\$ 65,219.20	\$ 25,000.00	\$ 837.90	\$ -	\$ 65,219.20	NO BID	NO BID	NO BID	#VALUE!	\$ 25,000.00	\$ 837.90	\$ -	\$ 65,219.20	\$ 25,000.00	\$ 837.90	\$ -	\$ 65,219.20	\$ 25,000.00	\$ 837.90	\$ -	\$ 65,219.20
			1305 HOWARD AVENUE	500 Mbps			\$ 20,000.00	\$ 1,038.10	\$ -	\$ 69,828.80	\$ 20,000.00	\$ 1,038.10	\$ -	\$ 69,828.80	NO BID	NO BID	NO BID	#VALUE!	\$ 20,000.00	\$ 1,038.10	\$ -	\$ 69,828.80	\$ 20,000.00	\$ 1,038.10	\$ -	\$ 69,828.80	\$ 20,000.00	\$ 1,038.10	\$ -	\$ 69,828.80
			ST PAUL, NE 68873-0325	700 Mbps			\$ 20,000.00	\$ 1,164.10	\$ -	\$ 75,876.80	\$ 20,000.00	\$ 1,164.10	\$ -	\$ 75,876.80	NO BID	NO BID	NO BID	#VALUE!	\$ 20,000.00	\$ 1,164.10	\$ -	\$ 75,876.80	\$ 20,000.00	\$ 1,164.10	\$ -	\$ 75,876.80	\$ 20,000.00	\$ 1,164.10	\$ -	\$ 75,876.80
			Don Kleinsasser, don.kleinsasser@spwildcat.org; 308-754-4433	1000 Mbps			\$ 15,000.00	\$ 1,303.40	\$ -	\$ 77,563.20	\$ 15,000.00	\$ 1,303.40	\$ -	\$ 77,563.20	NO BID	NO BID	NO BID	#VALUE!	\$ 15,000.00	\$ 1,303.40	\$ -	\$ 77,563.20	\$ 15,000.00	\$ 1,303.40	\$ -	\$ 77,563.20	\$ 15,000.00	\$ 1,303.40	\$ -	\$ 77,563.20
			HOWARD COUNTY	2000 Mbps			\$ 15,000.00	\$ 1,617.28	\$ -	\$ 92,629.44	\$ 15,000.00	\$ 1,617.28	\$ -	\$ 92,629.44	NO BID	NO BID	NO BID	#VALUE!	\$ 15,000.00	\$ 1,617.28	\$ -	\$ 92,629.44	\$ 15,000.00	\$ 1,617.28	\$ -	\$ 92,629.44	\$ 15,000.00	\$ 1,617.28	\$ -	\$ 92,629.44
5	138832	10	SUMNER/EDDYVILLE/MILLER PUBLIC SCHOOLS																											
			SUMNER JR SR HIGH SCHOOL	300 Mbps	EVPL	Existing NNI	\$ 13,000.00	\$ 605.15	\$ -	\$ 42,047.20	\$ 13,000.00	\$ 605.15	\$ -	\$ 42,047.20	NO BID	NO BID	NO BID	#VALUE!	\$ 13,000.00	\$ 605.15	\$ -	\$ 42,047.20	\$ 13,000.00	\$ 605.15	\$ -	\$ 42,047.20	\$ 13,000.00	\$ 605.15	\$ -	\$ 42,047.20
			205 E 5TH AVENUE	500 Mbps			\$ 13,000.00	\$ 674.77	\$ -	\$ 45,388.96	\$ 13,000.00	\$ 674.77	\$ -	\$ 45,388.96	NO BID	NO BID	NO BID	#VALUE!	\$ 13,000.00	\$ 674.77	\$ -	\$ 45,388.96	\$ 13,000.00	\$ 674.77	\$ -	\$ 45,388.96	\$ 13,000.00	\$ 674.77	\$ -	\$ 45,388.96
			SUMNER, NE 68878-0126	700 Mbps			\$ 13,000.00	\$ 756.67	\$ -	\$ 49,320.16	\$ 13,000.00	\$ 756.67	\$ -	\$ 49,320.16	NO BID	NO BID	NO BID	#VALUE!	\$ 13,000.00	\$ 756.67	\$ -	\$ 49,320.16	\$ 13,000.00	\$ 756.67	\$ -	\$ 49,320.16	\$ 13,000.00	\$ 756.67	\$ -	\$ 49,320.16
			Haley Kociemba, hkociemba@semmustangs.org; 308-752-2925	1000 Mbps			\$ 11,000.00	\$ 847.21	\$ -	\$ 51,666.08	\$ 11,000.00	\$ 847.21	\$ -	\$ 51,666.08	NO BID	NO BID	NO BID	#VALUE!	\$ 11,000.00	\$ 847.21	\$ -	\$ 51,666.08	\$ 11,000.00	\$ 847.21	\$ -	\$ 51,666.08	\$ 11,000.00	\$ 847.21	\$ -	\$ 51,666.08
			DAWSON COUNTY	2000 Mbps			\$ 11,000.00	\$ 1,051.23	\$ -	\$ 61,459.04	\$ 11,000.00	\$ 1,051.23	\$ -	\$ 61,459.04	NO BID	NO BID	NO BID	#VALUE!	\$ 11,000.00	\$ 1,051.23	\$ -	\$ 61,459.04	\$ 11,000.00	\$ 1,051.23	\$ -	\$ 61,459.04	\$ 11,000.00	\$ 1,051.23	\$ -	\$ 61,459.04
6	139186	13	MORRILL PUBLIC SCHOOLS																											
			MORRILL HIGH SCHOOL	200 Mbps	EVPL	Existing NNI	\$ 64,000.00	\$ 389.66	\$ -	\$ 82,703.68	\$ 64,000.00	\$ 389.66	\$ -	\$ 82,703.68	NO BID	NO BID	NO BID	#VALUE!	\$ 64,000.00	\$ 389.66	\$ -	\$ 82,703.68	\$ 64,000.00	\$ 389.66	\$ -	\$ 82,703.68	\$ 64,000.00	\$ 389.66	\$ -	\$ 82,703.68
			411 E HAMILTON STREET	400 Mbps			\$ 64,000.00	\$ 444.15	\$ -	\$ 85,319.20	\$ 64,000.00	\$ 444.15	\$ -	\$ 85,319.20	NO BID	NO BID	NO BID	#VALUE!	\$ 64,000.00	\$ 444.15	\$ -	\$ 85,319.20	\$ 64,000.00	\$ 444.15	\$ -	\$ 85,319.20	\$ 64,000.00	\$ 444.15	\$ -	\$ 85,319.20
			MORRILL, NE 69358-0486	600 Mbps			\$ 64,000.00	\$ 496.44	\$ -	\$ 87,829.12	\$ 64,000.00	\$ 496.44	\$ -	\$ 87,829.12	NO BID	NO BID	NO BID	#VALUE!	\$ 64,000.00	\$ 496.44	\$ -	\$ 87,829.12	\$ 64,000.00	\$ 496.44	\$ -	\$ 87,829.12	\$ 64,000.00	\$ 496.44	\$ -	\$ 87,829.12
			Ben Mientka, tech@esu13.org; 308-641-9579	800 Mbps			\$ 64,000.00	\$ 544.63	\$ -	\$ 90,142.24	\$ 64,000.00	\$ 544.63	\$ -	\$ 90,142.24	NO BID	NO BID	NO BID	#VALUE!	\$ 64,000.00	\$ 544.63	\$ -	\$ 90,142.24	\$ 64,000.00	\$ 544.63	\$ -	\$ 90,142.24	\$ 64,000.00	\$ 544.63	\$ -	\$ 90,142.24
			SCOTTS BLUFF COUNTY	1000 Mbps			\$ 60,000.00	\$ 586.53	\$ -	\$ 88,153.44	\$ 60,000.00	\$ 586.53	\$ -																	

Circuit #	USAC Billed Entity Number	ESU	BILLED ENTITY NAME FIBER SITE NAME	SEEKING	CIRCUIT TOPOLOGY - PICK ONE	CIRCUIT HANDOFF - PICK ONE	Non-recurring	Monthly	Monthly Taxes	Total 48-month	Non-recurring	Monthly	Monthly Taxes	Total 48-month	Non-recurring	Monthly	Monthly Taxes	Total 48-month	Non-recurring	Monthly	Monthly Taxes	Total 48-month	Non-recurring	Monthly	Monthly Taxes	Total 48-month
							Cost-- Grand Island-College Park, 3180 W. Hwy 34	Recurring Cost-- Grand Island-College Park, 3180 W. Hwy 34	and Fees*-- Grand Island-College Park, 3180 W. Hwy 34	Cost-- Grand Island-College Park, 3180 W. Hwy 34	Cost-- Kearney-UNMC Health Sciences Ed Complex; 2402 University Drive	Recurring Cost-- Kearney-UNMC Health Sciences Ed Complex; 2402 University Drive	and Fees*-- Kearney-UNMC Health Sciences Ed Complex; 2402 University Drive	Cost-- Lincoln-Nebraska Hall, 901 N. 17th	Recurring Cost-- Lincoln-Nebraska Hall, 901 N. 17th	and Fees*-- Lincoln-Nebraska Hall, 901 N. 17th	Cost-- Lincoln-Nebraska Hall, 901 N. 17th	Cost-- Omaha-Peter Kiewit Institute, 1110 S. 67th	Recurring Cost-- Omaha-Peter Kiewit Institute, 1110 S. 67th	and Fees*-- Omaha-Peter Kiewit Institute, 1110 S. 67th	Cost-- Omaha-NDC, 1623 Farnam	Recurring Cost-- Omaha-NDC, 1623 Farnam	and Fees*-- Omaha-NDC, 1623 Farnam	Cost-- Omaha-NDC, 1623 Farnam	Cost-- Scottsbluff-Panhandle Research Center, 4502 Ave I	Recurring Cost-- Scottsbluff-Panhandle Research Center, 4502 Ave I
			MEADOW GROVE, NE 68752-0198 Mardell Kohl, mglibrarydirector@gmail.com, 402-634-2266 MADISON COUNTY	300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
29	138730	10	VILLAGE OF ARCADIA ARCADIA TOWNSHIP LIBRARY 100 S REYNOLDS STREET ARCADIA, NE 68815-0355 Terri Pierson, arcadialibrary@nct.net, 308-789-6346 VALLEY COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
30	138770	10	CITY OF GIBBON GIBBON PUBLIC LIBRARY 116 La BARRE ST GIBBON, NE 68840-0309 Missy Onate, gpl@nct.net, 308-468-5889 BUFFALO COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
31	138801	10	VILLAGE OF MERNA BRENIZER PUBLIC LIBRARY 420 W CENTER AVE MERNA, NE 68856-0008 Vickie Burnett, lvranch4@yahoo.com, 308-643-2268 CLUSTER COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
32	138804	10	VILLAGE OF NORTH LOUP NORTH LOUP PUBLIC LIBRARY 112 B ST NORTH LOUP, NE 68859-0157 Linda Markvicka, npl@nct.net, 308-496-4230 VALLEY COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
33	17018483	13	VILLAGE OF HARRISON SIOUX COUNTY LIBRARY 182 3RD ST HARRISON, NE 69346-0031 Sarah Sanderson, sioux_county_public_library@hotmail.com, 308-508-5000 SIOUX COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
34	139014	13	VILLAGE OF LEWELLEN LEWELLEN PUBLIC LIBRARY 208 MAIN ST LEWELLEN, NE 69147-0104 Ruth Radke, clerklw@gmail.com, 308-778-5421 GARDEN COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
35	139183	13	CITY OF MITCHELL MITCHELL PUBLIC LIBRARY 1449 CENTER AVE MITCHELL, NE 69537-1447 Maryruth Reed, library@mitcheilcity.net, 308-623-2222 SCOTTS BLUFF COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
36	138937	15	VILLAGE OF CULBERTSON CULBERTSON CITY LIBRARY 612 W WYOMING DR CULBERTSON, NE 69024-0327 Deborah Dack, culbertsonlibrary67@gmail.com, 308-278-2135 HITCHCOCK COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps	EVPL	Existing NNI	\$ - \$ 443.43 \$ - \$ 21,284.64 \$ - \$ 443.43 \$ - \$ 21,284.64 NO BID NO BID NO BID #VALUE! \$ - \$ 476.25 \$ - \$ 22,860.00 \$ - \$ 476.25 \$ - \$ 22,860.00 NO BID NO BID NO BID #VALUE! \$ - \$ 512.05 \$ - \$ 24,578.40 \$ - \$ 512.05 \$ - \$ 24,578.40 NO BID NO BID NO BID #VALUE! \$ - \$ 542.85 \$ - \$ 26,056.80 \$ - \$ 542.85 \$ - \$ 26,056.80 NO BID NO BID NO BID #VALUE! \$ - \$ 570.95 \$ - \$ 27,405.60 \$ - \$ 570.95 \$ - \$ 27,405.60																			
37	138956	15	VILLAGE OF STRATTON STRATTON PUBLIC LIBRARY 411 BAILEY ST STE 2 STRATTON, NE 69043-0182 Teri Falmon, stratplb@gpcom.net, 308-276-2463 HITCHCOCK COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps	EVPL	Existing NNI	\$ - \$ 443.43 \$ - \$ 21,284.64 \$ - \$ 443.43 \$ - \$ 21,284.64 NO BID NO BID NO BID #VALUE! \$ - \$ 562.84 \$ - \$ 27,016.32 \$ - \$ 562.84 \$ - \$ 27,016.32 NO BID NO BID NO BID #VALUE! \$ - \$ 605.15 \$ - \$ 29,047.20 \$ - \$ 605.15 \$ - \$ 29,047.20 NO BID NO BID NO BID #VALUE! \$ - \$ 641.55 \$ - \$ 30,794.40 \$ - \$ 641.55 \$ - \$ 30,794.40 NO BID NO BID NO BID #VALUE! \$ - \$ 674.77 \$ - \$ 32,388.96 \$ - \$ 674.77 \$ - \$ 32,388.96																			
38	138958	15	VILLAGE OF TRENTON TRENTON PUBLIC LIBRARY 406 MAIN ST TRENTON, NE 69044-0307 Larry Evans, read2trenton@gpcom.net, 308-334-5413 HITCHCOCK COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps	EVPL	Existing NNI	\$ - \$ 443.43 \$ - \$ 21,284.64 \$ - \$ 443.43 \$ - \$ 21,284.64 NO BID NO BID NO BID #VALUE! \$ - \$ 562.84 \$ - \$ 27,016.32 \$ - \$ 562.84 \$ - \$ 27,016.32 NO BID NO BID NO BID #VALUE! \$ - \$ 605.15 \$ - \$ 29,047.20 \$ - \$ 605.15 \$ - \$ 29,047.20 NO BID NO BID NO BID #VALUE! \$ - \$ 641.55 \$ - \$ 30,794.40 \$ - \$ 641.55 \$ - \$ 30,794.40 NO BID NO BID NO BID #VALUE! \$ - \$ 674.77 \$ - \$ 32,388.96 \$ - \$ 674.77 \$ - \$ 32,388.96																			
39	138963	15	VILLAGE OF WAUNETA WAUNETA PUBLIC LIBRARY 319 N TECUMSEH AVE WAUNETA, NE 69045-0014 Marsha Cameron, wvlibary@bwtelcom.net, 308-394-5243 CHASE COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
40	138978	16	VILLAGE OF BIG SPRINGS BIG SPRINGS PUBLIC LIBRARY 400 PINE STREET BIG SPRINGS, NE 69122-0192 Connie Shaw, Co-Director, mjlibrarians@atcjet.net, 308-889-3482 DEUEL COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!	NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!
41	139005	16	CITY OF GRANT HASTINGS MEMORIAL LIBRARY 505 CENTRAL AVE GRANT, NE 69140-0786 Robin Quinn, hml@gpcom.net, 308-352-4894 PERKINS COUNTY	100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps	EVPL	Existing NNI	\$ - \$ 625.35 \$ - \$ 30,016.80 \$ - \$ 625.35 \$ - \$ 30,016.80 NO BID NO BID NO BID #VALUE! \$ - \$ 680.35 \$ - \$ 32,656.80 \$ - \$ 680.35 \$ - \$ 32,656.80 NO BID NO BID NO BID #VALUE! \$ - \$ 731.50 \$ - \$ 35,112.00 \$ - \$ 731.50 \$ - \$ 35,112.00 NO BID NO BID NO BID #VALUE! \$ - \$ 775.50 \$ - \$ 37,224.00 \$ - \$ 775.50 \$ - \$ 37,224.00 NO BID NO BID NO BID #VALUE! \$ - \$ 815.65 \$ - \$ 39,151.20 \$ - \$ 815.65 \$ - \$ 39,151.20																			

Pricing must be provided next to every bandwidth increment on each circuit being bid

Circuit #	USAC Billed Entity Number	E-RATE DISCOUNT	BILLED ENTITY NAME FIBER SITE NAME	SEEKING	CIRCUIT TOPOLOGY-- PICK ONE	CIRCUIT HANDOFF-- PICK ONE	SPECIAL CONSTRUCTION: Network Construction Costs	SPECIAL CONSTRUCTION: Design and Engineering	SPECIAL CONSTRUCTION: Project Management	Non-recurring Cost	Monthly Recurring Cost	Monthly Taxes and Fees	Total 48-month Cost	REQUIRED E-RATE INFORMATION: Total Project Plant Route Feet	REQUIRED E-RATE INFORMATION: Total Strands	REQUIRED E-RATE INFORMATION: Average Cost Per Foot of Outside Plant	REQUIRED E-RATE INFORMATION: Number of E-rate Eligible Strands	Ability to hand off? Grand Island-College Park, 3180 W. Hwy 34 YES or NO?	Ability to hand off? Lincoln-Nebraska Hall, 901 N. 17th YES or NO?	Ability to hand off? Omaha-Peter Kiewit Institute, 1110 S. 67th YES or NO?	Ability to hand off? Omaha-1623 Farnam, LLC YES or NO?	Ability to hand off? Scottsbluff-Panhandle Research Center, 4502 Ave I YES or NO?	
NETWORK NEBRASKA E-RATE CONNECTIONS-SPECIAL CONSTRUCTION																							
1	138730	80%	VILLAGE OF ARCADIA ARCADIA TOWNSHIP LIBRARY 100 S REYNOLDS STREET ARCADIA, NE 68815-0355 Terri Pierson, arcadialibrary@nctc.net, 308-789-6346 VALLEY COUNTY	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			400 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			500 Mbps							NO BID	NO BID	NO BID	#VALUE!										
2	138978	80%	VILLAGE OF BIG SPRINGS BIG SPRINGS PUBLIC LIBRARY 400 PINE STREET BIG SPRINGS, NE 69122-0192 Connie Shaw, Co-Director, mjlibrarians@atcjet.net, 308-889-3482 DEUEL COUNTY	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			400 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			500 Mbps							NO BID	NO BID	NO BID	#VALUE!										
3	138594	70%	CITY OF BLOOMFIELD BLOOMFIELD PUBLIC LIBRARY 121 S BROADWAY STREET BLOOMFIELD, NE 68718-0548 Jennifer Lauck, bplibrary548@gmail.com, 402-373-4588 KNOX COUNTY	NEW SITE	EVPL	Existing NNI	\$ -	\$ -	\$ -				\$ -										
			100 Mbps							\$ -	\$ 739.05	\$ -	\$ 35,474.40	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			200 Mbps							\$ -	\$ 878.27	\$ -	\$ 42,156.96	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			300 Mbps							\$ -	\$ 864.50	\$ -	\$ 41,496.00	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			400 Mbps							\$ -	\$ 916.50	\$ -	\$ 43,992.00	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			500 Mbps							\$ -	\$ 963.95	\$ -	\$ 46,269.60	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
4	138937	80%	VILLAGE OF CULBERTSON CULBERTSON CITY LIBRARY 612 W WYOMING DR CULBERTSON, NE 69024-0327 Deborah Dack, culbertsonlibrary67@gmail.com, 308-278-2135 HITCHCOCK COUNTY	NEW SITE	EVPL	Existing NNI	\$ -	\$ -	\$ -				\$ -										
			100 Mbps							\$ -	\$ 443.43	\$ -	\$ 21,284.64	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			200 Mbps							\$ -	\$ 476.25	\$ -	\$ 22,860.00	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			300 Mbps							\$ -	\$ 512.05	\$ -	\$ 24,578.40	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			400 Mbps							\$ -	\$ 542.85	\$ -	\$ 26,056.80	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			500 Mbps							\$ -	\$ 570.95	\$ -	\$ 27,405.60	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
5	138352	70%	VILLAGE OF DAVENPORT DAVENPORT PUBLIC LIBRARY 109 N MAPLE AVE DAVENPORT, NE 68335-0236 Sharon Littrel, librarian68335@outlook.com, 402-364-2147 THAYER COUNTY	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			400 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			500 Mbps							NO BID	NO BID	NO BID	#VALUE!										
6	138358	70%	VILLAGE OF DeWITT BOB & WAUNETA BURKLEY LIBRARY AND RESOURCE CENTER 208 E FILLMORE AVE DeWITT, NE 68341-0375 Geraldine Powers, brc@galaxycable.net, 402-683-2145 SALINE COUNTY	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			400 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			500 Mbps							NO BID	NO BID	NO BID	#VALUE!										
7	138365	50%	VILLAGE OF EXETER EXETER PUBLIC LIBRARY 202 S EXETER AVE EXETER, NE 68351-0096 Cindy Markowski, exeterpublib@gmail.com, 402-266-3031 FILLMORE COUNTY	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			400 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			500 Mbps							NO BID	NO BID	NO BID	#VALUE!										
8	138770	80%	CITY OF GIBBON GIBBON PUBLIC LIBRARY 116 La BARRE ST GIBBON, NE 68840-0309 Missy Onate, gpl@nctc.net, 308-468-5889 BUFFALO COUNTY	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			400 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			500 Mbps							NO BID	NO BID	NO BID	#VALUE!										
9	139005	60%	CITY OF GRANT HASTINGS MEMORIAL LIBRARY 505 CENTRAL AVE GRANT, NE 69140-0786 Robin Quinn, hml@gpcom.net, 308-352-4894 PERKINS COUNTY	NEW SITE	EVPL	Existing NNI	\$ -	\$ -	\$ -				\$ -										
			100 Mbps							\$ -	\$ 625.35	\$ -	\$ 30,016.80	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			200 Mbps							\$ -	\$ 680.35	\$ -	\$ 32,656.80	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			300 Mbps							\$ -	\$ 731.50	\$ -	\$ 35,112.00	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			400 Mbps							\$ -	\$ 775.50	\$ -	\$ 37,224.00	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			500 Mbps							\$ -	\$ 815.65	\$ -	\$ 39,151.20	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
10	138384	60%	VILLAGE OF GREENWOOD GREENWOOD PUBLIC LIBRARY 619 MAIN ST GREENWOOD, NE 68366-0029 Danielle Rein, reindani@gmail.com, 402-789-2301 CASS COUNTY	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			400 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			500 Mbps							NO BID	NO BID	NO BID	#VALUE!										
11	17018483	60%	VILLAGE OF HARRISON SIOUX COUNTY LIBRARY 182 3RD ST HARRISON, NE 69346-0031	NEW SITE			\$ -	\$ -	\$ -				\$ -										
			100 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			200 Mbps							NO BID	NO BID	NO BID	#VALUE!										
			300 Mbps							NO BID	NO BID	NO BID	#VALUE!										

*IF THE BIDDER CHOOSES TO INCLUDE TAXES AND FEES IN THE NRC AND MRC, THE TAXES AND FEES COLUMN SHOULD REMAIN BLANK.

Pricing must be provided next to every bandwidth increment on each circuit being bid

Circuit #	USAC Billed Entity Number	E-RATE DISCOUNT	BILLED ENTITY NAME FIBER SITE NAME	SEEKING	CIRCUIT TOPOLOGY-- PICK ONE	CIRCUIT HANDOFF-- PICK ONE	SPECIAL CONSTRUCTION: Network Construction Costs	SPECIAL CONSTRUCTION: Design and Engineering	SPECIAL CONSTRUCTION: Project Management	Non-recurring Cost	Monthly Recurring Cost	Monthly Taxes and Fees	Total 48-month Cost	REQUIRED E-RATE INFORMATION: Total Project Plant Route Feet	REQUIRED E-RATE INFORMATION: Total Strands	REQUIRED E-RATE INFORMATION: Average Cost Per Foot of Outside Plant	REQUIRED E-RATE INFORMATION: Number of E-rate Eligible Strands	Ability to hand off? Grand Island-College Park, 3180 W. Hwy 34 YES or NO?	Ability to hand off? Lincoln-Nebraska Hall, 901 N. 17th YES or NO?	Ability to hand off? Omaha-Peter Kiewit Institute, 1110 S. 67th YES or NO?	Ability to hand off? Omaha-1623 Farnam, LLC YES or NO?	Ability to hand off? Scottsbluff-Panhandle Research Center, 4502 Ave I YES or NO?
			Sarah Sanderson, sioux_county_public_library@hotmail.com, 308-668-9431 SIOUX COUNTY	400 Mbps 500 Mbps						NO BID NO BID	NO BID NO BID	NO BID NO BID	#VALUE! #VALUE!									
12	139014	80%	VILLAGE OF LEWELLEN LEWELLEN PUBLIC LIBRARY 208 MAIN ST LEWELLEN, NE 69147-0104 Ruth Radke, clerklew@gmail.com, 308-778-5421 GARDEN COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
13	138257	60%	CITY OF LOUISVILLE LOUISVILLE PUBLIC LIBRARY 217 MAIN ST LOUISVILLE, NE 68037-0039 Michelle Daniels, louisvillelibrary@gmail.com, 402-234-6265 CASS COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps	EVPL	Existing NNI	\$ -	\$ -	\$ -	\$ 9,000.00	\$ 306.99	\$ -	\$ 23,735.52	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
14	138629	60%	VILLAGE OF MEADOW GROVE MEADOW GROVE PUBLIC LIBRARY 205 MAIN ST MEADOW GROVE, NE 68752-0198 Mardell Kohl, mglibrarydirector@gmail.com, 402-634-2266 MADISON COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
15	138801	70%	VILLAGE OF MERNA BRENIZER PUBLIC LIBRARY 420 W CENTER AVE MERNA, NE 68856-0008 Vickie Burnett, lvranch4@yahoo.com, 308-643-2268 CLUSTER COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
16	138403	50%	VILLAGE OF MILLIGAN MILLIGAN PUBLIC LIBRARY 507 MAIN ST MILLIGAN, NE 68406-0324 Betty Zelenka, milliganlibrary@windstream.net, 402-629-4302 (City Office) FILLMORE COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
17	139183	70%	CITY OF MITCHELL MITCHELL PUBLIC LIBRARY 1449 CENTER AVE MITCHELL, NE 69357-1447 Maryruth Reed, library@mitchellcity.net, 308-623-2222 SCOTTS BLUFF COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
18	138804	80%	VILLAGE OF NORTH LOUP NORTH LOUP PUBLIC LIBRARY 112 B ST NORTH LOUP, NE 68859-0157 Linda Markvicka, nlp@nctc.net, 308-496-4230 VALLEY COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
19	199927	60%	VILLAGE OF PALMYRA PALMYRA MEMORIAL LIBRARY 525 ILLINOIS PL PALMYRA, NE 68418-0176 Carey Shapiro, palmyramemoriallibrary@gmail.com, 402-780-5344 OTOE COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
20	138666	80%	VILLAGE OF PILGER PILGER PUBLIC LIBRARY 120 N MAIN ST PILGER, NE 68768-0054 Lori Ruskamp, pilgerlibrary@gmail.com, 402-396-3550 STANTON COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps	EVPL	Existing NNI	\$ -	\$ -	\$ -	\$ 45,000.00	\$ 375.21	\$ -	\$ 63,010.08	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
21	212872	50%	VILLAGE OF SHICKLEY VIRGIL BIEGERT PUBLIC LIBRARY 214 N MARKET ST SHICKLEY, NE 68436-0412 Carolyn Schlegel, shickleylibrary@windstream.net, 402-627-3365 FILLMORE COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps			\$ -	\$ -	\$ -				\$ -									
22	138428	70%	VILLAGE OF STERLING STERLING PUBLIC LIBRARY 150 BROADWAY ST	NEW SITE 100 Mbps 200 Mbps			\$ -	\$ -	\$ -				\$ -									

*IF THE BIDDER CHOOSES TO INCLUDE TAXES AND FEES IN THE NRC AND MRC, THE TAXES AND FEES COLUMN SHOULD REMAIN BLANK.

Pricing must be provided next to every bandwidth increment on each circuit being bid

Circuit #	USAC Billed Entity Number	E-RATE DISCOUNT	BILLED ENTITY NAME FIBER SITE NAME	SEEKING	CIRCUIT TOPOLOGY-- PICK ONE	CIRCUIT HANDOFF-- PICK ONE	SPECIAL CONSTRUCTION: Network Construction Costs	SPECIAL CONSTRUCTION: Design and Engineering	SPECIAL CONSTRUCTION: Project Management	Non-recurring Cost	Monthly Recurring Cost	Monthly Taxes and Fees	Total 48-month Cost	REQUIRED E-RATE INFORMATION: Total Project Plant Route Feet	REQUIRED E-RATE INFORMATION: Total Strands	REQUIRED E-RATE INFORMATION: Average Cost Per Foot of Outside Plant	REQUIRED E-RATE INFORMATION: Number of E-rate Eligible Strands	Ability to hand off? Grand Island-College Park, 3180 W. Hwy 34 YES or NO?	Ability to hand off? Lincoln-Nebraska Hall, 901 N. 17th YES or NO?	Ability to hand off? Omaha-Peter Kiewit Institute, 1110 S. 67th YES or NO?	Ability to hand off? Omaha-1623 Farnam, LLC YES or NO?	Ability to hand off? Scottsbluff-Panhandle Research Center, 4502 Ave I YES or NO?
			STERLING, NE 68443-0057 Becky Barney, beckyslittlebakery@gmail.com, 402-866-2056 JOHNSON COUNTY	300 Mbps 400 Mbps 500 Mbps						NO BID NO BID NO BID	NO BID NO BID NO BID	NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE!									
23	138956	80%	VILLAGE OF STRATTON STRATTON PUBLIC LIBRARY 411 BAILEY ST STE 2 STRATTON, NE 69043-0182 Teri Faimon, strapl@gpcom.net, 308-276-2463 HITCHCOCK COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps		EVPL	Existing NNI						\$ - \$ 443.43 \$ 562.84 \$ 605.15 \$ 641.55 \$ 674.77	\$ - \$ 21,284.64 \$ 27,016.32 \$ 29,047.20 \$ 30,794.40 \$ 32,388.96	\$ - \$ - \$ - \$ - \$ - \$ -	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	Yes No Yes Yes Yes Yes
24	138430	60%	CITY OF SYRACUSE SYRACUSE PUBLIC LIBRARY 480 5TH ST SYRACUSE, NE 68446-0008 Susan Kay Antes, publiclibrary@syracusene.com, 402-269-2336 OTOE COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps		EVPL	Existing NNI						\$ 22,000.00 \$ 22,000.00 \$ 19,500.00 \$ 19,500.00	\$ 375.21 \$ 476.25 \$ 512.05 \$ 542.85 \$ 570.95	\$ - \$ - \$ - \$ - \$ -	\$ 40,010.08 \$ 44,860.00 \$ 46,578.40 \$ 45,556.80 \$ 46,905.60	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes No Yes Yes Yes	Yes No Yes Yes Yes
25	138289	80%	CITY OF TEKAMAH TEKAMAH PUBLIC LIBRARY 204 S 13TH ST TEKAMAH, NE 68061-1304 Gabby Mahon, teklibdirector@gmail.com, 402-374-2453 BURT COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps						NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE! #VALUE! #VALUE!									
26	138958	80%	VILLAGE OF TRENTON TRENTON VILLAGE LIBRARY 406 MAIN ST TRENTON, NE 69044-0307 Larry Evans, read2trenton@gpcom.net, 308-334-5413 HITCHCOCK COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps		EVPL	Existing NNI						\$ - \$ 443.43 \$ 562.84 \$ 605.15 \$ 641.55 \$ 674.77	\$ - \$ 21,284.64 \$ 27,016.32 \$ 29,047.20 \$ 30,794.40 \$ 32,388.96	\$ - \$ - \$ - \$ - \$ - \$ -	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	
27	138291	70%	CITY OF VALLEY VALLEY PUBLIC LIBRARY 232 N SPRUCE ST VALLEY, NE 68064-0353 Sami Stewart, sstewart@valleyne.org, 402-359-9924 DOUGLAS COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps		EVPL	Existing NNI						\$ - \$ 306.99 \$ 389.66 \$ 418.95 \$ 444.15 \$ 467.14	\$ - \$ 14,735.52 \$ 18,703.68 \$ 20,109.60 \$ 21,319.20 \$ 22,422.72	\$ - \$ - \$ - \$ - \$ - \$ -	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	
28	138296	60%	VILLAGE OF VALPARAISO VALPARAISO PUBLIC LIBRARY 300 W 2ND ST VALPARAISO, NE 68065-0134 Deborah Woodburn, valnelibrary@yahoo.com, 402-784-6141 SAUNDERS COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps						NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE! #VALUE! #VALUE!									
29	138963	80%	VILLAGE OF WAUNETA WAUNETA PUBLIC LIBRARY 319 N TECUMSEH AVE WAUNETA, NE 69045-0014 Marsha Cameron, wvlibrary@bwtelcom.net, 308-394-5243 CHASE COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps						NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE! #VALUE! #VALUE!									
30	138446	70%	VILLAGE OF WESTERN STRUCKMAN-BAATZ PUBLIC LIBRARY 104 S WEST AVE WESTERN, NE 68464-0519 Patsy Meyer, farmhouse1021@outlook.com, 402-433-2177 SALINE COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps						NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE! #VALUE! #VALUE!									
31	138716	80%	CITY OF WISNER WISNER PUBLIC LIBRARY 1015 AVENUE E WISNER, NE 68791-0547 Carol Duncan, director324@hotmail.com, 402-529-6018 CUMING COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps		EVPL	Existing NNI						\$ - \$ 500.28 \$ 591.90 \$ 636.41 \$ 674.69 \$ 709.62	\$ - \$ 24,013.44 \$ 28,411.20 \$ 30,547.68 \$ 32,385.12 \$ 34,061.76	\$ - \$ - \$ - \$ - \$ - \$ -	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	Yes No Yes Yes Yes Yes	
32	138309	60%	CITY OF YUTAN YUTAN PUBLIC LIBRARY 410 1ST ST YUTAN, NE 68073-0241 Laurie Van Ackeren, yutanlibrary22@gmail.com, 402-625-2111 SAUNDERS COUNTY	NEW SITE 100 Mbps 200 Mbps 300 Mbps 400 Mbps 500 Mbps						NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	NO BID NO BID NO BID NO BID NO BID	#VALUE! #VALUE! #VALUE! #VALUE! #VALUE!									

*IF THE BIDDER CHOOSES TO INCLUDE TAXES AND FEES IN THE NRC AND MRC, THE TAXES AND FEES COLUMN SHOULD REMAIN BLANK.

SERVICE SCHEDULE ETHERNET SERVICE

1. **Applicability.** This Schedule applies to any order of Ethernet Service from Provider.
2. **Description.** Ethernet Service is a MEF 2.0 certified service that can connect LANs or WANs. Provider’s network consists of multiple geographically diverse carrier-class transport nodes connected via a protected layer 2 transport backbone, which is designed for high availability and automatic rerouting during network events. Ethernet Service pricing is based on the configuration and CoS ordered by Customer.
 - 2.1. **Configurations.** Ethernet Service is available in the following configurations: E-Line (EPL or EVPL) or E-LAN:
 - 2.1.1. **Ethernet Private Line.** EPL is a point-to-point, port-based E-Line service that is intended for high transparency for Customer. Service frames are delivered with as few modifications by Provider as possible. Customer is responsible for managing traffic over the circuit. EPL consists of two components: a User Network Interface (“UNI”) placed at each end of the circuit, and the Ethernet Virtual Connection (“EVC”).
 - 2.1.2. **Ethernet Virtual Private Line.** EVPL is a point-to-point or point-to-multipoint, VLAN-based E-Line service. Provider manages the VLANs for Customer.
 - 2.1.3. **Ethernet Local Area Network.** E-LAN is a multipoint-to-multipoint service that connects UNIs (2 or more) providing full mesh connectivity for those sites. Each UNI can communicate with any other UNI that is connected to the E-LAN service.
 - 2.2. **Class of Service.** Ethernet Service is available with 4 Classes of Service (“CoS”). Provider has established service levels for ethernet services based on the designated CoS. The available CoS are as follows:

CoS Priority Level	Use Cases
Real-Time	Provides premium quality, optimized for low latency, low jitter, and low packet loss required for voice communications. Managed VoIP services should be Real-Time CoS.
Mission Critical	Provides the highest priority treatment for data. Intended for applications with high business value, requiring large bandwidth allocations and/or lower latency such as interactive video conferencing, streaming video, credit card transactions, and other enterprise applications.
Business Class	Provides priority treatment to transactional and interactive data such as email or client/server applications.
Standard Class (default)	Enables customers to share latency and jitter tolerant data and Internet applications across all locations. Internet Service traffic is defaulted to Standard Class CoS.

NOTE: CoS designations are not available for Ethernet Services using Type 2 / off-net services.

3. **Interconnection.** Ethernet Service will be delivered at standard 10/100/1,000/10,000/100,000Mbps interfaces. The signal characteristics and supported MAC Layers at the network interface will be as specified in the applicable IEEE standards. Ethernet Service will be delivered over fiber or other media interface as determined by Provider.
4. **Support.** Technical support is available 24/7 by Provider’s Network Operations Center (“NOC”). Unresolved issues will be escalated immediately. Provider will attempt to notify Customer of all service-affecting events.
5. **Service Levels.**
 - 5.1. **General.** Service levels apply between Provider’s demarcation point at the service address and Provider’s ingress/egress internet uplinks. Service levels are measured over a 30-consecutive day (720 hour) period.
 - 5.2. **Definitions.**
 - “Availability” is a percentage of total time a service is operative.
 - “Jitter” is the variation or difference in the end-to-end delay between received packets of an IP or packet stream.
 - “Latency” is a measure of the average time required for a packet to travel round trip.
 - “Outage” means a time during which the service is not able to transmit, receive, or exchange traffic due to a failure of the service. To measure the duration of any Outage, an Outage begins once Customer notifies Provider’s NOC and ends when service is restored (even if only by a temporary restoration).
 - “Packet Loss” is a percentage of in-profile internet frames not reliably delivered.
 - “Protected” means services that employ a protection scheme consisting of dual geographically diverse end-to-end paths, including redundant entrances, power, and equipment, which allows for automatic rerouting in the event one path fails.
 - “Standard” means services that are not fully Protected (but may include core network protection).

5.3. **Objectives.** The service level objectives for Ethernet Service are as follows:

Objective	Real-Time	Mission Critical	Business Class	Standard Class
Availability – Protected	99.999%	99.999%	99.999%	99.999%
Availability – Standard	99.99%	99.99%	99.95%	99.9%
Jitter	≤ 3ms	≤ 5ms	≤ 8ms	≤ 15ms
Latency (0-400 miles)	≤ 18ms	≤ 20ms	≤ 25ms	≤ 30ms
Packet Loss	≤ 0.01%	≤ 0.05%	≤ 0.1%	≤ 0.5%
MTTR	4 hours	4 hours	4 hours	8 hours

6. **Remedies.**

6.1. **Outage Credits.** If an Ethernet Service experiences an Outage, Customer may request a credit based on the MRC for the affected service and the duration of the Outage equal to the amount set forth below:

Availability	Protected Ethernet Service (% of MRC)			
Duration of Outage	Real-Time	Mission Critical	Business	Standard
Less than 2 hours	0%	0%	0%	0%
>2 hours to 4 hours	15%	10%	10%	10%
>4 hours to 8 hours	50%	40%	30%	25%
>8 hours to 12 hours	75%	60%	45%	40%
>12 hours	100%	80%	60%	50%
Availability	Unprotected Ethernet Service (% of MRC)			
Duration of Outage	Real-Time	Mission Critical	Business	Standard
Less than 2 hours	0%	0%	0%	0%
>2 hours to 4 hours	5%	5%	0%	0%
>4 hours to 8 hours	25%	15%	10%	0%
>8 hours to 12 hours	40%	30%	25%	10%
>12 hours	50%	35%	30%	25%

*Unless a service is designated as “Protected” on its Service Order, such service will be deemed “Standard.” Both paths of a Protected service must be impaired to qualify for credits.

6.2. **Performance Credits.** If an Ethernet Service with Real-Time CoS fails to meet the service level objectives for jitter, latency, or packet loss set forth in Section 5.3, Customer may request a credit equal to 10% of the MRC for the affected service in that given month. Performance metrics shall not apply during times of an Outage.

6.3. **Procedure to Request Remedies.** Customer may request a credit within 30 days of the applicable Outage. Provider will validate the request based on Provider’s service records. Upon validation, Provider will issue any credits due to Customer’s account. If Customer does not request a credit within 30 days of the Outage, Customer will have waived the right to receive a credit for such Outage. Customer must be in good standing and paid current to exercise any remedy.

6.4. **Exclusions.** Notwithstanding anything in the Agreement or this Schedule, Customer will not be entitled to any remedy, including any credit under this Schedule, for outages or service problems caused by the following: (i) acts and omissions by Customer, including configuration, information, equipment, or services provided by Customer; (ii) failures of services, equipment, applications, or systems not owned or controlled by Provider, including any off-net service; (iii) maintenance activities; (iv) delays by Customer to provide access to premises or release the service for testing and repair, if such access or release is necessary to restore the service; (v) force majeure, including fiber cuts not caused by Provider; and (vi) any valid suspension or termination of service by Provider under the Agreement.

6.5. **Limitation of Remedies.** No credit provided in any month shall exceed 100% of the MRC of the affected service order for that month. The credits stated in this Schedule will be Customer’s sole and exclusive remedy, and Provider’s sole and exclusive liability, for any Outage or problems related to the service.

24-HOUR NETWORK OPERATIONS CENTER

888.343.8015 | NOC@gpcom.com

Great Plains Communications (GPC) operates a 24x7x365 Network Operations Center (NOC) located in the headquarters in Blair, Nebraska. The NOC uses multiple alarm monitoring tools such as Cordell, Nagios and Honeywell to monitor all network elements. GPC utilizes a tiered approach regarding proper prioritization of alarms and dispatches accordingly directly to GPC personnel. As a provided service, GPC's NOC also monitors operation metrics including availability, Mean Time to Repair (MTTR) and performance metrics.

The company has two teams dedicated to our network support: Service Assurance and Network Operations Engineering. The Service Assurance team works directly with the customer to assist with initial troubleshooting and creation of trouble tickets to track any reported issues. If advanced troubleshooting is needed, the ticket is escalated to the Network Operations Engineering team in order to resolve the trouble and dispatch additional personnel if needed. Trouble tickets regarding outages are sent to customers with hourly status updates until services are fully restored.

GPC's trouble ticket process is detailed below:

- A trouble ticket is created when a customer reports an issue.
- The NOC Service Assurance team troubleshoots the issue and escalates if necessary.
- Customers are sent hourly updates regarding any outage affecting their services. These updates will be sent to the customer emails on file.
- Customers may be contacted by phone or email for additional information needed during the resolution process and to verify when services are restored.
- If requested, a reason for outage (RFO/RCA) will be emailed to the customer through the outage ticket.
- The ticket is closed and archived.

Service Assurance will also send customers ticket notifications regarding any maintenance that will impact their services. Customers will be given 10 business days' notice before any planned maintenance will occur. Emergency maintenance required to ensure service availability may occur with less notice as needed.

YOUR PROJECT TEAM

Our professional, certified and dedicated teams have over 200 years of combined experience in the areas of network engineering, project management, network installation and maintenance and leadership. This experience, coupled with our commitment to superior customer service, makes Great Plains Communications highly qualified to complete your project on time and on budget.



Jeff Mason
Sr. Account Executive
Project Sponsor



Tony Thakur
Chief Technology Officer



Josephine Bernson
Chief Revenue Officer



Chris Wulf
Vice President of
Operations



Phil St. Clair
Project Manager



Pete Townsend
Sales Engineer



Justin Suhr
Sr. Manager of Strategic
Development, OSP
Engineering



Tony Martin
Business Solutions
Manager



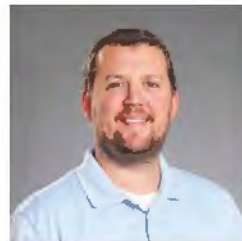
Tom White
Wireless Network
Engineer



Michelle Luetzicke
Enterprise Sales Support



Jared Paulsen
Sr. Transport Network
Engineer



Kaine Eisenreich
Transport Network
Manager



Cam Ewoldt
Director of Network
Engineering

PROJECT PLAN OVERVIEW

Project Description

The following information is a project plan outline for implementing the network services solution being proposed by Great Plains Communications. The plan will satisfy all services and bandwidth requirements as laid out in the request for proposal (RFP). The plan also identifies the scope of work, deliverables, key milestones, risk assessment and mitigation, resources and structure and approach.

Project Start Date	Project Completion Date

Scope and deliverables

The scope and deliverables refer to the installation of network services to all accepted bid locations as specified in the RFP. These services meet the specific network and functionality requirements for State of Nebraska.

Milestones

Project milestones mark the completion of key activity and serve as important markers towards project completion. These are the milestones Great Plains Communications recognizes during a project.

- Acceptance of the Great Plains Communications proposal
- Design of new or existing network facilities and identification of preferred equipment
- Build out of new network facilities
- Installation of network equipment
- Final testing, review and acceptance by State of Nebraska

Approach

Great Plains Communications will use standard fiber-optic and copper cable to complete connectivity. The company will utilize their fiber network to provide the required connectivity, and if necessary, will partner with other carriers. Uninterruptible power supply (UPS) units will also be installed to ensure uptime and reliability.

IP, Central Office, and Outside Plant Engineering employees will manage the end-to-end design, engineering, construction, installation, turn-up, and maintenance of all equipment and

services. Great Plains Communications construction projects are coordinated and managed as a collaborative effort between project management, field supervisors, technicians, and engineering teams. By providing this one-stop-shop internal expertise the company maintains direct project control and flexibility to complete this project on time and on budget. The company will work directly with a list of preferred vendors who have a proven record of delivering the most reliable products and delivery records in the industry. Once construction is completed and equipment has been installed, Great Plains Communications will develop a schedule for testing and certification of service capabilities to formally ensure the needs of the project have been met.

Communications

A project kick-off meeting will be held at the start of the project. Attendees will include the project manager, project sponsor, and other key participants. Great Plains Communications employees will meet weekly to review the project status through completion. Every other week a member of the Great Plains Communications team will provide project updates to your team. Additional meetings may be scheduled as needed.

Project Timeline

Lied Lincoln Township Library

Great Plains Communications SPIN Info (Form 498 ID): 143002186
 Service Provider Contact: Jeff Mason, Senior Account Executive
 Phone: 402-456-6467
 Email: jmason@gpcom.com

PROCESS/TASK	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Design Review - location site walks - filing for permit(s) - retaining additional engineering resources	[Blue shaded area]											
Construction - burying/installing fiber optic cable - fiber splicing - fiber cable testing & turn-up		[Blue shaded area]										
Service Installation* - fiber installation in specified building location - term self equipment installation -optics installation (if applicable)					[Blue shaded area]							



REFERENCES

REFERENCE 1



Fremont Public Schools



Education



Cliff Huss, Director of Information Technology



130 East 9th Street, Fremont, Nebraska 68025



402-727-3026



cliff.huss@fpsmail.org

REFERENCE 2



Educational Service Unit 16



Education



Scott Jones, Director of Network Operations



1221 West 17th Street, North Platte, Nebraska 69101



308-534-2427



scott.jones@esusixteen.org

REFERENCE 3



Chadron State College



Education



Ann Burk, Chief Information Officer



1000 Main Street, Chadron, Nebraska 69337



308-432-6311



aburk@csc.edu

REFERENCE 4



Do Space



Education



Rebecca Stavick, Chief Executive Officer, Community Information Trust



7205 Dodge Street, Omaha, Nebraska 68114



402-399-1460



rstavick@dospace.org

REFERENCE 5



Creighton Prep High School



Education



Jonathan Krainak, Director of Information Technology



7400 Western Avenue, Omaha, Nebraska 68114



402-393-1190



jkrainak@creightonprep.org



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
01/11/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Aon Risk Insurance Services Central, Inc Omaha NE Office CA License # 0d04043 17807 Burke Street, Suite 401	CONTACT NAME: PHONE (A/C. No. Ext): (402) 697-1400 FAX (A/C. No.): (402) 697-1594	
	E-MAIL ADDRESS:	
INSURED Great Plains Communications LLC 1600 Great Plains Centre P.O. Box 500 Blair NE 68008 USA	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Crum & Forster Specialty Insurance Co.	NAIC # 44520
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

Holder Identifier :

COVERAGES **CERTIFICATE NUMBER:** 570097347541 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION						EACH OCCURRENCE AGGREGATE
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> N/A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT
A	E&O-MPL-Primary			TE0304290100 Claims Made SIR applies per policy terms & conditions	09/30/2022	09/30/2023	Professional Liab. \$1,000,000 SIR \$100,000

570097347541

Certificate No :

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: Solution Number 6740 Z1.

CERTIFICATE HOLDER**CANCELLATION**

State of Nebraska Administrative Services Purchasing Bureau 1526 K Street, Suite 130 Lincoln NE 68508 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Central, Inc.</i>





CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
01/11/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Aon Risk Insurance Services Central, Inc Omaha NE Office CA License # 0D04043 17807 Burke Street, Suite 401	CONTACT NAME: PHONE (A/C. No. Ext): (402) 697-1400 FAX (A/C. No.): (402) 697-1594	
	E-MAIL ADDRESS:	
INSURED Great Plains Communications LLC 1600 Great Plains Centre P.O. Box 500 Blair NE 68008 USA	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Navigators Specialty Insurance Company	NAIC # 36056
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
INSURER F:		

Holder Identifier :

COVERAGES **CERTIFICATE NUMBER:** 570097347550 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION						EACH OCCURRENCE AGGREGATE
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> N/A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT
A	Env Contr Poll			CH22ECPZ04GB4IC	09/30/2022	09/30/2023	Aggregate Limit \$1,000,000 Per Occurrence Limit \$1,000,000 Deductible \$10,000

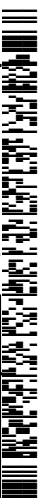
570097347550

Certificate No :

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: Solution Number 6740 Z1.

CERTIFICATE HOLDER**CANCELLATION**

State of Nebraska Administrative Services Purchasing Bureau 1526 K Street, Suite 130 Lincoln NE 68508 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Central, Inc.</i>
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CERTIFICATE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY)
01/11/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

PRODUCER Aon Risk Services Central, Inc. Aon Risk Insurance Services Central, Inc Omaha NE Office CA License # 0D04043 17807 Burke Street, Suite 401 Omaha NE 68118 USA	CONTACT NAME: PHONE (A/C. No. Ext): (402) 697-1400 FAX (A/C. No.): (402) 697-1594		
	E-MAIL ADDRESS: PRODUCER CUSTOMER ID#: 570000021711		
INSURED Great Plains Communications LLC 1600 Great Plains Centre P.O. Box 500 Blair NE 68008 USA	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Travelers Casualty&Surety Co of America		31194
	INSURER B:		
	INSURER C:		
	INSURER D:		
	INSURER E:		

Holder Identifier :

COVERAGES **CERTIFICATE NUMBER:** 570097347555 **REVISION NUMBER:**

LOCATION OF PREMISES/ DESCRIPTION OF PROPERTY (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
RE: Solution Number 6740 Z1.

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	COVERED PROPERTY	LIMITS
	<input type="checkbox"/> PROPERTY <input type="checkbox"/> CAUSES OF LOSS <input type="checkbox"/> DEDUCTIBLES <input type="checkbox"/> BASIC <input type="checkbox"/> BUILDING <input type="checkbox"/> BROAD <input type="checkbox"/> CONTENTS <input type="checkbox"/> SPECIAL <input type="checkbox"/> EARTHQUAKE <input type="checkbox"/> WIND <input type="checkbox"/> FLOOD				<input type="checkbox"/> BUILDING <input type="checkbox"/> PERSONAL PROPERTY <input type="checkbox"/> BUSINESS INCOME <input type="checkbox"/> EXTRA EXPENSE <input type="checkbox"/> RENTAL VALUE <input type="checkbox"/> BLANKET BUILDING <input type="checkbox"/> BLANKET PERS PROP <input type="checkbox"/> BLANKET BLDG & PP	
	<input type="checkbox"/> INLAND MARINE <input type="checkbox"/> CAUSES OF LOSS <input type="checkbox"/> NAMED PERILS	TYPE OF POLICY POLICY NUMBER				
A	<input checked="" type="checkbox"/> CRIME TYPE OF POLICY Crime - Primary	105500813 SIR applies per policy terms & conditions	09/30/2022	09/30/2023	<input checked="" type="checkbox"/> Employee Dishonesty <input checked="" type="checkbox"/> Deductible	\$1,000,000 \$10,000
	<input type="checkbox"/> BOILER & MACHINERY / EQUIPMENT BREAKDOWN					

CERTIFICATE NUMBER: 570097347555

SPECIAL CONDITIONS / OTHER COVERAGES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER State of Nebraska Administrative Services Purchasing Bureau 1526 K Street, Suite 130 Lincoln NE 68508 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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II. PROJECT DESCRIPTION AND SCOPE OF WORK

A. INTRODUCTION

The Bidder should carefully read, review, and respond with the information requested, section-by-section, in response to this RFP.

The objective of this RFP is to update and expand the statewide network that is currently in place to serve the eligible entities of Network Nebraska as defined by Neb. Rev. Stat. 86-5,100 and 79-1201.01(3). Network Nebraska is defined in Neb. Rev. Stat. 86-5,100 (LB1208, 2006). "Network Nebraska shall consist of contractual agreements with providers to meet the demand of state agencies, local governments, and educational entities. Such network shall provide access to a reliable and affordable infrastructure capable of carrying a spectrum of services and applications, including distance education across the state. Participation in Network Nebraska shall not be required for any educational entity. The Chief Information Officer shall aggregate demand for those state agencies and educational entities choosing to participate and shall reduce costs for participants whenever feasible."

Network Nebraska has grown to include 292 separate entities, and serves 99.6% of public-school districts, 100% of Educational Service Units, 100% of public colleges and universities, 54% of private colleges, 20% of private K-12 schools, and several public libraries and municipalities. Network Nebraska is jointly managed by the State of Nebraska Office of the CIO, in partnership with the University of Nebraska.

Network Nebraska is comprised of a seven-segment statewide backbone, six major aggregation points, and over 300 fiber Ethernet circuits, either directly handed off to Network Nebraska equipment at the aggregation points, or sub-aggregated at Educational Service Units. The Office of the CIO, on behalf of Network Nebraska, purchases three sources of commodity internet and two sources of commercial peering. The Network Nebraska participants may purchase their fiber Ethernet circuits either through the state contracts resulting from this and other State RFPs, or by using a local or regional procurement.

The State of Nebraska bids these services on behalf of numerous E-rate eligible education entities and some non-E-rate eligible entities across the State. Each E-rate eligible entity must be allowed a reasonable duration to hold a public meeting of its administrative board to approve its purchase from the resulting state contract(s) and to file its E-rate Form 471 prior to the national 2023 E-rate deadline and each succeeding year to be established by the USAC. Once Intent to Award has been announced by the State, each contractor must work expeditiously toward a signed contract to allow enough time for the local approval process. Failure to reach a signed contract with the State prior to Friday, March 1, 2023, may risk negation of purchases for the July 1, 2023 through June 30, 2024 performance year.

Nebraska Special Construction E-rate Matching Funds. On May 19, 2020 the Nebraska Public Service Commission voted to approve [NUSF-117](#), which instigated changes to the Nebraska Universal Service Fund to provide E-rate eligible schools and libraries with access to \$1 million in funding over four years to assist with the payment of special construction charges for broadband. Applications to apply for these funds from the NUSF are currently limited to E-rate Funding Years 2021-2024.

On August 14, 2020, the FCC and USAC approved the Nebraska program to be eligible for the increased federal and state matching funds, not to exceed 100% of the fiber construction costs for these E-rate eligible entities. <https://www.usac.org/e-rate/applicant-process/before-youbegin/fiber-summary-overview/additional-discount-to-match-state-tribal-funding-for-specialconstruction/>

While itemized Special Construction costs may be a new procurement expectation for service providers, it enables the eligible E-rate entities to qualify for an additional discount of up to 20% toward special construction costs and may also permit service providers the anchor tenancy needed to improve telecommunications services to other anchor institutions in rural areas, as well as commercial and residential customers en route to the eligible E-rate applicant.

Bid cost data will be accepted through two different appendices:

1. Appendix A: Ethernet leased lit fiber circuits for E-rate eligible entities and non-E-rate eligible entities connected to Network Nebraska aggregation points,
2. Appendix B: Ethernet fiber circuits for E-rate eligible entities connected to Network Nebraska aggregation points that involve the itemization of Special Construction charges.

B. E-RATE

The originating FCC Form 470 for this RFP can be found at <https://portal.usac.org/suite> and searching "Records > FCC Forms 470 > Funding Year 4> Nebraska > BEN 225870.

Each Bidder must have a Service Provider's Form 498 I.D. # (formerly SPIN) from the Universal Service Administrative Company (USAC) and be eligible to participate in the Universal Service Fund discount program for

telecommunications services provided to the E-rate eligible entities for the life of the contract and all applicable renewals. Bidder agrees to provide any discounts, including any accrued credits, for which the entity is eligible under the Universal Service Fund for school telecommunications services. Bidder will, at its expense, prepare, file, and continually keep current all carrier documents and reports required for the eligible entities to receive the benefit of such discounts and credits. The Bidder's Service Provider's Form 498 I.D. # (formerly SPIN) issued to bidder by the Universal Service Administrative Company should be included in the responding bid.

As required by the Federal Communications Commission (FCC), providers of eligible services must comply with the Lowest Corresponding Price (LCP) rule:

1. **47 CFR § 54.500(f)**
Lowest Corresponding Price (LCP) is the lowest price that a service provider charges to non-residential customers who are similarly situated to a particular school, library, or library consortium for similar services. ("Similarly situated" means the "geographic service area" in which a service provider is seeking to serve customers with any of its E-rate services.)
2. **47 CFR § 54.511(b)**
Providers of eligible services shall not charge schools, school districts, libraries, library consortia, or consortia including any of these entities a price above the lowest corresponding price for supported services, unless the Federal Communications Commission, with respect to interstate services or the state commission with respect to intrastate services, finds that the lowest corresponding price is not compensatory.

The Billed Entity Applicant Reimbursement (BEAR) FCC Form 472 is filed by the applicant and approved by the service provider after the applicant has paid for services in full. The Service Provider Invoice (SPI) FCC Form 474 is filed by the service provider after the applicant has been billed for the non-discount portion of the cost of eligible services. Note: An applicant may choose its method of invoicing; the service provider cannot force applicants to use a particular method.

As required by USAC policy, the contractor must retain documents from the bidding process through ten (10) years past the last date of service. Documents may be retained in electronic format or paper. The document list includes, but is not limited to, copies of bids, signed contracts, proof of service delivery, invoices, documentation of any service down time, and any other document retention required by the FCC. The Bidder shall provide the following information in response to this RFP and must provide prior to contract award.

The successful contractor(s) for Appendix B Special Construction sites must agree to participate in the E-rate applicant's Program Integrity Assurance (PIA) review and response of any Form 471 submission.

Service Provider's Form 498 I.D. # (formerly SPIN): 143002186

NH Bidder has read and agrees to comply.

C. NETWORK TOPOLOGY

Appendix A and Appendix B sites involve Ethernet connectivity from Network Nebraska participant locations to one or more of the listed core aggregation locations (below). An award will be made for each participant location to a single core aggregation location based on lowest cost. If bid pricing is identical to two or more aggregation locations, and is awarded, the specific aggregation location will be decided by the Network Nebraska engineers and communicated to the contractor(s) during the project implementation phase.

1. Omaha–Peter Kiewit Institute, 1110 S. 67th Street
2. Omaha-1623 Farnam LLC, 1623 Farnam Street
3. Lincoln-Nebraska Hall, 901 N. 17th Street
4. Grand Island-College Park, 3180 W. Hwy 34
5. Kearney-UNMC Health Sciences Education Complex, 2402 University Drive (this co-location site is not accepting additional provider equipment; only replacements for existing equipment will be allowed)
6. Scottsbluff-Panhandle Research Center, 4502 Avenue I

An award will be made for each circuit in Appendix A and B based on lowest overall cost over the 48-month initial contract term.

IMPORTANT NOTES:

1. Most services listed above will be offered to Schools and Libraries and therefore must meet E-rate guidelines for eligible services, products, service providers and contracts.

2. All State agencies, the University of Nebraska, political subdivisions and other “eligible participants” will be allowed to purchase off the resulting contract(s).
3. There is no guarantee that any or all the institutions listed will purchase any or all of the services requested in this RFP.
4. Circuit topology must be stated on all bids on Appendix A and Appendix B.
5. Network Nebraska’s preferred circuit topology is an EVPL terminating to an existing, or new, NNI.
6. Circuits delivered via an ELAN will only be considered for existing UNIs.
7. If an existing ELAN circuit is to be upgraded to a speed less than 1Gbps, include non-recurring costs to groom it to an EVPL delivered to a new/existing NNI.
8. If an existing ELAN circuit is to be upgraded to a speed of 1Gbps or greater, the circuit must be groomed to an EVPL delivered to a new/existing NNI. Network Nebraska’s six (6) core aggregation points have specific handoff locations:
 - a. Peter Kiewit Institute
University of Nebraska – Omaha
1110 South 67th Street, Room 166
Omaha, NE 68182-0694
 - b. 1623 Farnam, LLC.
1623 Farnam Street, Suite 500
Omaha, NE 68102
 - c. University of Nebraska Data Center
Nebraska Hall Room 230
901 North 17th Street
Lincoln, NE 68588-0521
 - d. College Park
3180 W Hwy 34. Room 208.5
Grand Island, NE 68801-7279
 - e. UNMC Health Sciences Education Complex
2402 University Drive, Room 113
Kearney, NE 68845
(this co-location site is not accepting additional provider equipment at this time; only replacements for existing equipment will be allowed)
 - f. Panhandle Research and Extension Center
4502 Avenue I, Electrical/IT Closet
Scottsbluff, NE 69361-4939

NH Bidder has read and agrees to comply.

PROJECT OVERVIEW

- D. The objective of this RFP is to identify Contractor(s) who will design, develop, and implement high-speed data connectivity that will meet the current and future telecommunications needs of eligible participants over the term of the contract. Each Bidder will provide cost-effective, scalable and flexible high-speed data transport services that can connect eligible entities listed in Appendix A and B to Network Nebraska. The Bidder may bid on one, some or all of the eligible entities listed in Appendix A and B.

Each site/service will be reviewed individually. When bidding Appendix A and B locations, the Bidder must bid all costs to provide connectivity from the entity listed to at least one of the Network Nebraska aggregation points listed at the top of the Cost Proposal.

For Appendix A and B, the Bidder will include transport from the identified location with connectivity through the carriers’ cloud and ending at one of the identified aggregation locations. Connectivity back to the aggregation location must have the capacity to support all eligible entities bid transmitting at full capacity at any given time; oversubscription is not permitted. A ten (10) Gigabit Ethernet interface physical hand-off is required as a minimum for the connection at the identified aggregation locations. The cost for connectivity back to the Network Nebraska core aggregation rack MUST be figured into the MRC (monthly recurring charge) for the individual sites being bid. The State of Nebraska will not accept separate costs for the aggregation ports that connect all of the eligible entities to Network Nebraska. All co-location data center cross-connect, and fiber path costs needed to provide the physical interface hand-over to Network Nebraska equipment will be the responsibility of the Bidder. A co-location space will be provided at each of the aggregation locations for the Contractor with the exception of the 1623 Farnam handoff site.

For Appendix B, the Bidder will itemize costs for E-rate **Special Construction**, as identified by the FCC. Special Construction charges that are eligible for E-rate Category 1 support includes: A) Construction of network facilities; B) design and engineering, and C) project management. The term “special construction” does not include network equipment necessary to light the fiber or the services necessary to maintain the fiber. Charges for network equipment and fiber maintenance are eligible for Category 1 as separate non-recurring services, but not as special construction.

Eligible entities may include colleges, universities, state government, political subdivisions and K-12 institutions. The network design must accommodate the full implementation of Network Nebraska connections including a statewide, multi-purpose backbone.

All proposals must meet the technical requirements as stated in the RFP. The State requires the Bidder to bid a multi-purpose transport connection to interconnect the listed institutions along with the corresponding services that considers present, as well as future, state-of-the-art technologies.

NH Bidder has read and agrees to comply.

E. PROJECT ENVIRONMENT

The current project environment consists of a multi-provider, layer-2 high-speed Ethernet network of over 300 fiber circuits. Multiple provider clouds connect to the various eligible entities. Providers hand off eligible entities to Network Nebraska at one of the identified core aggregation points and the Network Nebraska MPLS backbone interconnects the core aggregation points and provides transport to at least two Internet egress points.

At each service site location, the demarcation point to the customer premise equipment will provide at least 1 (one) 20-amp outlet and sufficient rack or wall space to mount the contractor’s termination equipment. Prospective bidders may request an appointment with the site contact listed in Appendices A and B to inspect the customer premise location in order to make a more informed bid.

NH Bidder has read and agrees to comply.

F. PROJECT REQUIREMENTS

For the E-rate eligible entities that request services from the state contracts must be converted by July 1, 2023, or if ordered in Year 2 or 3, by July 1 for each succeeding year. The circuits must be installed and tested no later than the first Friday in August 2023 and each succeeding year, however neither the State nor the participating eligible entities can incur charges on these circuits until after July 1 of the implementation year due to E-rate. The cutover to the customer must be complete by the first Friday in August 2023 and each succeeding year or incur liquidated damages (see Section II.O. Contract Performance). Existing services must remain active until the final cutover (see Section II, G. Transition Requirement). The contractor(s) will provide a cost-effective, scalable, and flexible transport service that will be able to meet the demands of the network participants. Bidders shall identify services that are a normal part of their offering without additional fees.

The State of Nebraska reserves the right to reject proposals that attempt to substitute the contractor’s commercial contracts and/or SLA documents for the State’s Master Agreement, or legal and/or technical terms of this RFP.

The contractors may submit with their technical proposal any E-rate, tax exemption, USF affidavit, user agreement, service level agreement, or similar documents that the contractor wants incorporated into the Contract. The State will not consider incorporation of any document not submitted with the contractor’s proposal as the document will not have been included in the evaluation process. These documents shall be subject to review and/or negotiation and will be incorporated as addendums if agreed to by the Parties.

If a conflict or ambiguity arises after the Addendum to Contract Award has been negotiated and agreed to, the Addendum to Contract Award shall be interpreted as follows:

1. If only one Party has a particular clause then that clause shall control,
2. If both Parties have a similar clause, but the clauses do not conflict, the clauses shall be read together,
3. If both Parties have a similar clause, but the clauses conflict, the State’s clause shall control.

NH Bidder has read and agrees to comply.

G. TRANSITION REQUIREMENT

Upon award of replacement contract(s) to a new contractor in 2027, the awarded Contractor under this RFP shall, upon request, or until a Notice of Termination is submitted, continue providing any part or all of the services in accordance with the terms and conditions, requirements and specifications of the contract for a period not to exceed

ninety (90) calendar days after the expiration or termination of the contract for a price not to exceed those prices set forth in the contract. The service will become month-to-month, if requested by the customer.

NH Bidder has read and agrees to comply.

H. SCOPE OF WORK

The Contractor shall design, develop and implement a high-speed, IP-based, layer-2, Ethernet, wide area network to interconnect eligible entities as requested. The network interface to the customer's Customer Premise Equipment (CPE) must physically be Ethernet with the capability to provide multiple virtual Ethernet interfaces via 802.1Q Virtual Local Area Network (VLAN) tagging.

The network connections must be bid according to the bandwidth ranges and to the acceptable aggregation sites as stipulated in Appendices A and B. Any circuit conversions will be performed between April 1 and July 1, 2023 and must be as transparent as possible. All of the network connections must be operational by the first Friday in August 2023 and each succeeding year.

For Appendix A and B, each connection that is bid must be connected from the customer site demarcation to the aggregation site demarcation. The core aggregation handoff MUST have the capacity to support all eligible entities' connectivity to the core site transmitting at full purchased capacity over a single 10 Gigabit Ethernet interface. Multiple interfaces are allowed only as a redundant path for the primary connectivity. The new connectivity capacity can be aggregated at an existing "core" site interface as long as the overall capacity of the core interface is not exceeded due to the introduction of the additional remote site capacity. The State will not allow a separate cost for this "aggregation connection", that cost must be included as part of the individual site or sites being bid.

Appendices A and B may include core aggregation point choices that are "grayed out". The State will only accept bids for the bandwidths cited between the locations and the core aggregation sites that are not "grayed out". The Bidder can choose to give a price to bring the eligible entity back to any one or more of the eligible core destination locations except locations that are "grayed out" within the Appendix.

For locations where multiple speeds have been requested, the State will add the costs of all bandwidths bid to arrive at a total overall site cost that will be the basis for a lowest cost award.

All bids for a single service location to multiple aggregation points will be compared against each other. Each service location will only have one award and the State will award the lowest cost bid from that service location to one of the identified locations that meets the technical requirements as stated in the RFP. If a bidder bids identical pricing for a particular site to two or more core aggregation locations, and is awarded the site, the Network Nebraska engineers will select one of the core locations for the circuit.

The support of end-to-end customer VLANs (C-VLANs) is REQUIRED. Support can be provided either by using the IEEE 802.1ad provider bridging standard (also referred to as QinQ tunneling), or by directly bridging the customer VLANs from end-to-end, without C-VLAN modification and without provider interaction. For example, as a customer VLAN tagged packet travels from a customer to the service provider, a customer-specific 802.1Q tag is added by the provider to each packet. This additional tag is used to segregate traffic into service-provider-defined service VLANs (S-VLANs). The original customer 802.1Q tag of the packet remains and is transmitted transparently, passing through the service provider's network. The Service Provider VLAN (S-VLAN) tag is added on egress for incoming packets, optionally including untagged packets. As the packet leaves the S-VLAN in the downstream direction, the service provider 802.1Q tag is removed, leaving the original customer tag on the packet.

Eligible entities that participate and order the contracted circuits will purchase their own network equipment. The Contractor will need to work closely with these eligible entities (e.g. school districts, educational service units, libraries; etc.) to ensure that the appropriate network equipment is coordinated and ready for installation at the time the network conversion takes place.

To the extent possible, a contact person and contact information has been provided for each fiber site location. Prospective bidders may arrange mutually convenient appointments for site inspections or technical walk-throughs in order to prepare a more informed bid.

NH Bidder has read and agrees to comply.

I. TECHNOLOGY REFRESH

The State and the Contractor will work in partnership to ensure the services provided under this contract will be continuously refreshed as technologies evolve and user needs grow. The OCIO staff, in conjunction with, or on behalf of, all other participants, will assume the primary role in seeking and proposing network enhancements that comply with FCC and E-rate rules and policies. This technology refreshment clause will be a required condition of the contract.

The State and the Contractor may conduct an annual review of the contract to review service offerings and pricing. These reviews may result in upgrading the services provided by the Contractor to include new pricing elements or pricing modifications associated with improved economies of scale and/or technological innovations. Changes in the industry related to regulation and/or pricing mechanisms may also result in modification of rates identified in the services offered by the Contractor. These reviews will commence at the request of the State.

NH Bidder has read and agrees to comply.

J. TECHNICAL REQUIREMENTS

The bidder must provide a network design in which:

1. Layer 2 (802.1q/802.1p) VLAN and QoS tags must be allowed through the provided network connection and must remain unchanged by the provider.
2. Ethernet frames containing a 1500-byte payload (for a total minimum supported Ethernet frame size of 1542 bytes), must be allowed and flow as a single complete frame without any fragmentation by the provider's equipment. Reference: http://en.wikipedia.org/wiki/Ethernet_frame .
3. Layer 2 performance must be adequate to support jitter and latency sensitive applications (i.e., video over IP).
4. The network interface to the customer's CPE must be an Ethernet-based handover connection. The connection must support either 802.1q tagged frames or must support 802.1ad provider bridging.; The provider must either tunnel the customer VLAN tags through the provider network or must leave the customer VLAN tags unchanged from end-to-end.
5. Allow participating institutions to manage their own IP address space and routing.
6. Performance metrics on contracted circuits must be provided to Network Nebraska staff within 24 hours of request.
7. Network Nebraska must be notified within 24 hours of performing QoS changes, network monitoring changes or any other network changes that may have a positive or negative effect on performance as outlined in the RFP.
8. The provided connection must be tested to prove performance before it will be considered complete and usable. Testing according to ITU-T Y.1564sam or RFC-2544 for performance, frame-loss and latency is preferred but detailed performance, frame-loss, latency and QOS test disclosure is also acceptable. Testing must validate the minimum frame size specified is supported.
9. Every connection's receive AND transmit capacity must meet or exceed the bandwidth amount that is bid. Testing must validate that capacity meets the amount purchased before the connection will be considered complete and usable. If proof of end-to-end circuit capacity and testing is not provided, circuit acceptance will be delayed until networking personnel can verify that the circuit meets requirements.
10. To the extent possible, existing aggregate interfaces should be prioritized and used before laterally scaling equipment.
11. Network Nebraska engineers can request a circuit reprovision to fix issues without the need to renegotiate/renew the contract.
12. Any carrier provided equipment placed at the customer premise must be connected to a, carrier provided, networked UPS. The UPS must be able to successfully power carrier provided equipment, detect when commercial power has failed, and report that back to the carrier. The carrier must be able to view this information and provide it when a trouble ticket is opened.

NH Bidder has read and agrees to comply.

K. PROJECT PLANNING AND MANAGEMENT

The State of Nebraska acknowledges that project management and implementation procedures will require alignment and adjustment of work processes for the Contractor's organizations, the eligible entities, and the State. The

alignment will be part of the contract finalization; however the Bidder will respond to this RFP assuming the following responsibilities.

1. STATE OF NEBRASKA AND NETWORK NEBRASKA ENTITY MANAGEMENT STAFF

The State of Nebraska and educational entity management staff will:

- a. Provide overall project direction and management.
- b. Review and approve all project plans and deliverables.
- c. Ensure that technical assistance and support are provided during the Contractor's implementation phases and ongoing upgrade design of this project.
- d. Establish project management guidelines by meeting with the Contractor's project management team as needed.
- e. Review and approve all project specific documentation standards and requirements for the various types of reports, technical/procedural documentation, and management materials that will be produced during the project.
- f. Coordinate other resources as needed to support the implementation process.
- g. Provide on-site assistance, as needed during the implementation phases of the project.
- h. Assist the Contractor in identifying eligible participants in the network as well as establishing guidelines with the Contractor for ordering, moving, adding or changing services.
- i. Provide adequate and reasonable space for contractor equipment, including at least one single source, unprotected electrical outlet.

2. CONTRACTOR

The Contractor will:

- a. Coordinate and administer the requirements of the network service(s) that are proposed.
- b. Maintain a data center, or co-location, within Nebraska or a state along the contiguous border
- c. Maintain toll free lines for voice and facsimile from the State to operational facilities for order entry and after hours help desk. Installation and maintenance may be subcontracted to one or more third parties to adequately cover the locations of the core transport backbone sites and to provide for rapid response in the event of a service disruption. The Contractor will provide information regarding intent to maintain its facilities after project implementation has been completed.
- d. Maintain toll free voice lines for after-hours helpdesk support for the duration of the contract. This point of contact will serve as the single point of contact for all services and equipment provided by the contract, including services and equipment subcontracted to another vendor.
- e. Provide upon request, technical information, graphs, charts, maps, photographs, block diagrams, operating manuals, and other information that will clearly show that the services offered are in full compliance with the minimum requirements of this RFP. In the event that the documentation furnished is at variance with the requirements of this RFP, the Contractor will explain in detail, with full engineering support data, the reasons why the proposed services meet the RFP requirements and should not be considered an exception.
- f. Provide within thirty (30) days of work order submission (a) detailed network diagram(s) and drawing(s) that clearly illustrate the network configuration and the functional relationships, as they are associated with the proposed services. These network diagrams will be reviewed and approved by the Network Nebraska engineering teams prior to any physical installation. Network diagrams must be made available to, or transmitted to, the State electronically in a format agreed upon by the Contractor and the State (i.e. Visio or downloadable PDF) to allow for import into various computer programs.
- g. Performance tests must be provided upon request to the Network Nebraska engineering team. Performance tests will be resubmitted to engineering team until results have been accepted.
- h. Provide upon request, basic technical specifications for each item of equipment included in the proposal. The information to be provided will be in the form of published specification sheets or other illustrative literature.
- i. Provide escalation lists and complete contact information.
- j. Communicate with the onsite technology contact prior to any required construction to confirm and document the exact demarcation location and minimum point of entry for each site address.
- k. Monitor and respond to disruptions in service to installed vendor equipment at the customer location.

If the Contractor is working with other "last mile" telecommunication providers to create an end-to-end solution, the Contractor should provide the State with technical contacts for the "last mile" provider.

If the Bidder intends to sub-contract any part of its performance hereunder, the Bidder must provide:

1. Name, address, and telephone number of the subcontractor(s);
2. Specific tasks for each subcontractor(s);
3. Percentage of performance hours intended for each subcontract; and
4. Total percentage of subcontractor(s) performance hours.

NH Bidder has read and agrees to comply.

L. SERVICE LEVEL GUARANTEES

This network must support production applications that require a high degree of reliability and must operate with little or no service disruptions for twenty-four (24) hours a day, seven (7) days a week. Contractor(s) must provide solutions with the necessary redundancy, backup systems, and/or other disaster avoidance and recovery capabilities to support these needs. Contractor(s) must have the necessary staff for the installation and maintenance of their network responsibilities and necessary staff to assist the State in its installation and maintenance of critical network services. Upon request, the contractor will provide an explanation of any redundancy that is available as part of the site/service that will assure the required availability of the services. The following maintenance specifications are required service level guarantees. The Contractor will conform to these service level agreements, which are to include details concerning restoration procedures and goals, escalation procedures, and non-conformance penalties.

The State of Nebraska reserves the right to reject proposals that attempt to substitute the contractor's commercial contracts and/or documents for this RFP or its technical requirements.

Installation Deadline: Failure to meet the deadline dates for the deliverables as agreed upon by the parties may result in an assessment of liquidated damages equal to the difference between newly contracted monthly costs and the cost of the circuit or service being replaced, if incurred, until the deliverables are approved.

Up Time Requirement: The contract expectation is for a service that, at a minimum, will meet or exceed required specifications 99.99% of the month, not to exceed a maximum of 4.32 minutes of unscheduled downtime/service non-compliance per calendar month. Any service not meeting contract specifications which includes violation of QoS parameters will incur a contract performance penalty per the following formula:

For every hour and fraction of an hour of service violation exceeding the identified 99.99% uptime requirement, the customer will be refunded one day of service credit. Repeated violations of service performance agreements during any single calendar day will be considered a continuous event from the beginning of the original violation until the last violation. Violations on consecutive days will be considered continuous from the initial violation until the service has been restored. The service will be considered restored when no violation has occurred for 24 continuous hours (the 24-hour validation period is not considered part of the damages). Damages duration will round up to the next whole hour. Damages per calendar month shall not exceed the total cost of the one-month MRC.

Example: Intermittent connectivity from 9:15am-2:20pm on the same day; Duration of the actual service violation would be 5 hours and 5 minutes, or 5 hours 1 minute over the maximum allowable downtime of 4.32 minutes. Violation assessment is rounded up to the next whole hour, so the duration would be considered as 6 total hours of downtime if no previous downtime had been experienced for the service in the current month, or up to X hours depending on the amount of cumulative violations experienced in the month that exceeds the 99.99% uptime requirement. This would translate to 6 days of per diem charges credited to the account. For continual or accumulated outages totaling 30 hours, 30 days of charges (one-month MRC) would be credited to the account.

Latency Requirement: The contract requirement is for an Ethernet service to have a maximum round-trip latency of 15 milliseconds.

NH Bidder has read and agrees to comply.

M. MAINTENANCE SPECIFICATIONS

When planned network maintenance activities are conducted by the Contractor which entails the risk of interrupting or diminishing service to Network Nebraska or its participants, the Network Nebraska Operations Center, noc@nebraska.edu or 1-888-638-6327 must be notified at least three (3) business days in advance of the maintenance planned. Additionally, the contractor must agree to work with the Network Nebraska Participants to find an alternate date and time of maintenance, if the proposed time would be particularly detrimental to Network Nebraska Participant needs. Mutually agreed upon maintenance activities are not considered a service violation and will not incur a service penalty.

The contractor should have in inventory the necessary spare equipment capable of restoring service in the event of contractor equipment failure. Maintenance contracts specifying next-day replacement or longer will not be considered an acceptable substitute for carrying inventory of appropriate replacement equipment.

The Contractor must operate its own Network Operations Center(s) and provide a centralized trouble reporting and maintenance system that is staffed 24 hours a day, seven (7) days a week. The Contractor shall provide sufficient staff for peak and critical hours. The Contractor shall provide Network Nebraska with a local and toll-free number for trouble reporting.

The Contractor must respond to trouble reports within one (1) hour of notification. The Contractor must also provide an escalation procedure and contact list to be used for unresolved issues, including names, titles and phone numbers of contact persons in the escalation chain. Major service-affecting problems that are not resolved within two (2) hours of time after the notification of trouble shall constitute a prolonged outage and must be escalated.

Access to performance service metrics is required, with a preference toward live metrics.

NH Bidder has read and agrees to comply.

N. IMPLEMENTATION PLAN

The Bidder may submit with its proposal response, but must provide by March 1, 2023, an implementation plan for the deployment of the services, that reflect the services to be included in the associated contract. The plan must clearly represent the constraints of time, scope and cost. At a minimum the implementation plan must include the work breakdown structure (WBS), schedule, milestones, deliverables, risk assessment, mitigation strategies, resource planning and communication plans.

The Contractor will adhere to the implementation plan for deployment of services submitted as a requirement of this RFP. The Contractor will agree to participate in pre-scheduled project management conference calls as arranged by the Office of the CIO Project Management Office.

NH Bidder has read and agrees to comply.

O. CONTRACT PERFORMANCE

If the Contractor fails to perform an obligation under the contract, the State may declare the contractor in breach and provide a right to cure. Payment will not be made for goods not delivered or services not performed, without penalty until such deficiency is cured or otherwise adjudicated.

NH Bidder has read and agrees to comply.

P. DEPLOYMENT STATUS REPORTS

The Contractor's designated project manager will provide weekly reports of the status of any deployment schedules to the State's designated project manager. Deployment status reports will provide weekly information related to the adherence to the deployment schedule identified in Section II.E. Project Requirements, including identification of issues affecting the deployment schedule, and recommended resolution(s) to any identified barriers to network deployment.

NH Bidder has read and agrees to comply.

Q. CERTIFICATION

The State requires that the Bidder be certificated or permitted by, or registered with, the Public Service Commission (PSC) to provide the services outlined in this Section of this RFP (Neb.Rev.Stat.§ 81-1120.19).

NH Bidder has read and agrees to comply.

R. COST PROPOSAL REQUIREMENTS

Proposals will address the impact of normal growth, as well as planned and unplanned network expansion or service enhancement. All prices shall be proposed as an individual location/school cost on a recurring or non-recurring basis. All bidder costs must be reflected in either the monthly recurring costs, non-recurring costs, or taxes and fees column as listed in Appendix A and B. No additional charges will be accepted. The State shall not be required to purchase any specific service or minimum quantities of network services. The bandwidth increments provided are for the sole purpose of assisting the Bidders in preparation of their proposals and for the State to consider the feasibility of the proposed network solutions. The State shall not be responsible for any cost that is not identified in the Bidder's cost proposal. The State will not consider bids that offer conditional discounts or price structuring based upon the number of network locations that are awarded to a provider or the numbers of entities that order services.

Please display costs in the format provided in Appendix A and B. The bid prices listed must include the cost of doing business as indicated below. Provide a cost number in the appropriate cell.

1. NETWORK EQUIPMENT AND HARDWARE COSTS

Network equipment and hardware (non-CPE) will be part of and included in the itemized circuit costs. Circuit costs will be bundled costs and must include all necessary components needed to utilize the circuit at the bandwidth bid.

2. INSTALLATION COSTS

If non-recurring installation/set-up charges are applicable, these rates shall be delineated in the cost portion of the proposal. This cost for the circuit installation shall include all one-time costs associated with termination to the demarcation point from the network side and/or fees associated with interconnection to local exchange carriers.

- a. **All fees that would be incurred for a fully functioning end-to-end connection, whether recurring or non-recurring, must be included in the cost. All cross-connect, and facilities-related charges that would be incurred to physically connect the circuit to Network Nebraska equipment on both ends must be included in the cost.**
- b. IF A BIDDER ONLY NEEDS TO INCUR ONE NON-RECURRING COST PER LOCATION IN ORDER TO ESTABLISH THE DESCRIBED SERVICES, (e.g. \$2,500 one-time NRC for all bandwidths 100Mbps to 1,000Mbps), THEN THE BIDDER SHOULD INSERT THE NRC COST ITEM ON ONLY ONE LINE (e.g. 100Mbps) AND INSERT A COMMENT INTO THAT CELL.
- c. IF A BIDDER WISHES TO CHARGE A NON-RECURRING COST EACH TIME A NEW BANDWIDTH IS ORDERED OVER THE LIFE OF THE CONTRACT, THEN AN NRC COST SHOULD BE INSERTED NEXT TO **EACH** BANDWIDTH INCREMENT.
- d. Pricing must be provided for **all bandwidth increments** for each site location, or risk being disqualified as a non-responsive or incomplete bid.

3. SOFTWARE, WARRANTY, AND MAINTENANCE COSTS

The Bidder will include warranty and maintenance of the provided circuits in the service rates.

4. QUANTITY

The State reserves the option to purchase any quantity of service in any increment proposed, and to be able to review and adjust the quantity up or down over the life of the contract term. There will be no minimum or maximum quantities imposed as a result of any contract. All State agencies, the University of Nebraska, political subdivisions and other “eligible participants” will be allowed to purchase off of the resulting contract(s).

5. COST PROPOSAL INSTRUCTIONS AND TABULATION FOR APPENDIX A

Column ‘F’, Circuit Topology and Column ‘G’, Circuit Handoff, is new information requested by the University of Nebraska engineering team on each circuit that is bid. (See Page 3, SPECIAL TERMS)

The Appendix A proposal cost for each site location will be tabulated with an intent to award made based on the SUM of the lines of the monthly recurring costs and monthly taxes/fees (if any), multiplied by the applicable length of service in months, forty-eight (48), not to include extensions, plus the addition of one-time non-recurring costs, if included. $TOTAL\ 48-MONTH\ COST = \sum [(MRC + Taxes/Fees) \times 48] + NRCs$

**If multiple NRC costs are inserted to establish service at different bandwidths, the Cost Proposal Tabulation will include the highest NRC value as a one-time build cost.

SAMPLE—Bidder ‘A’ will be compared to other bidders on School X based on overall cost of \$139,473.60 for 48 months.

Entity	Bandwidth	Bidder ‘A’ NRC	Bidder ‘A’ MRC	Bidder ‘A’ Monthly Taxes/Fees	Bidder ‘A’ 48-month Cost
School X	100Mbps	\$1,000**	\$500	\$34.75	\$25,668.00
School X	200Mbps	\$0	\$600	\$41.70	\$30,801.60
School X	300Mbps	\$0	\$700	\$48.65	\$35,935.20
School X	400Mbps	\$5,000**	\$800	\$55.60	\$46,068.80
Total					\$139,473.60

BIDDER COMMENT: \$1,000 NRC will be applied if the customer purchases 100Mbps, 200Mbps, or 300Mbps. \$5,000 NRC will only be applied when the customer purchases 400Mbps.

NH Bidder has read and agrees to comply.

6. COST PROPOSAL INSTRUCTIONS AND TABULATION FOR APPENDIX B

Column 'F', Circuit Topology and Column 'G', Circuit Handoff, is new information requested by the University of Nebraska engineering team on each circuit that is bid. (See Page 3, SPECIAL TERMS)

In addition, Columns, H, I, and J are REQUIRED FIELDS for each circuit bid. Columns O, P, Q, R, are strongly recommended to be submitted with the Appendix B Cost Proposal but can be delayed until the Program Integrity Assurance (PIA) review on each E-rate funding request.

The Appendix B proposal cost for each site location will be tabulated with an intent to award made based on the SUM of Column H, Network Construction Costs; plus Column I, Design and Engineering Costs, plus Column J, Project Management Costs, plus the SUM of the lines of the monthly recurring costs and monthly taxes/fees (if any), multiplied by the applicable length of service in months, forty-eight (48), not to include extensions, plus the addition of one-time non-recurring costs, if included. TOTAL 48-MONTH COST = $\sum [(MRC + Taxes/Fees) \times 48] + NRCs$.

**If multiple NRC costs are inserted to establish service at different bandwidths, the Cost Proposal Tabulation will include the highest NRC value as a one-time build cost.

SAMPLE—Bidder 'A' will be compared to other bidders on Library X based on overall cost of \$169,473.60 for 48 months.

Entity	Bandwidth	Bidder 'A' Special Construction = Network Construction + Design and Engineering + Project Management	Bidder 'A' NRC	Bidder 'A' MRC	Bidder 'A' Monthly Taxes/Fees	Bidder 'A' 48-month Cost
Library X		\$30,000				\$30,000.00
Library X	100Mbps		\$1,000**	\$500	\$34.75	\$25,668.00
Library X	200Mbps		\$0	\$600	\$41.70	\$30,801.60
Library X	300Mbps		\$0	\$700	\$48.65	\$35,935.20
Library X	400Mbps		\$5,000**	\$800	\$55.60	\$46,068.80
Library X	500Mbps					
Total						\$169,473.60
BIDDER COMMENT: \$1,000 NRC will be applied if the customer purchases 100Mbps, 200Mbps, or 300Mbps. \$5,000 NRC will only be applied when the customer purchases 400Mbps.						

NH Bidder has read and agrees to comply.

Form A
Contractor Proposal Point of Contact
Request for Proposal Number 6740 Z1

Form A should be completed and submitted with each response to this solicitation. This is intended to provide the State with information on the contractor's name and address, and the specific person(s) who are responsible for preparation of the contractor's response.

Preparation of Response Contact Information	
Contractor Name:	Great Plains Communications LLC
Contractor Address:	1635 Front Street Blair, NE 68008
Contact Person & Title:	Michelle Luetticke, Sales Support
E-mail Address:	mluetticke@gpcom.com
Telephone Number (Office):	402-456-6469
Telephone Number (Cellular):	
Fax Number:	

Each contractor should also designate a specific contact person who will be responsible for responding to the State if any clarifications of the contractor's response should become necessary. This will also be the person who the State contacts to set up a presentation/demonstration, if required. It is the responsibility of the contractor to contact the State when this information changes.

Communication with the State Contact Information	
Contractor Name:	Great Plains Communications LLC
Contractor Address:	1635 Front Street Blair, NE 68008
Contact Person & Title:	Jeff Mason, Senior Account Executive
E-mail Address:	jmason@gpcom.com
Telephone Number (Office):	402-456-6467
Telephone Number (Cellular):	402-533-3464
Fax Number:	

BIDDER MUST COMPLETE THE FOLLOWING

REQUEST FOR PROPOSAL FOR CONTRACTUAL SERVICES FORM

By signing this Request for Proposal for Contractual Services form, the bidder guarantees compliance with the procedures stated in this RFP and agrees to the terms and conditions unless otherwise indicated in writing and certifies that contractor maintains a drug free workplace.

The Master Agreement Revision #4 Terms and Conditions for High-Speed Transport Services for Network Nebraska RFPs 2020-2023 apply to this RFP.

Per Nebraska's Transparency in Government Procurement Act, Neb. Rev Stat § 73-603 DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska Contractors. This information is for statistical purposes only and will not be considered for contract award purposes.

X NEBRASKA CONTRACTOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Contractor. "Nebraska Contractor" shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this RFP.

_____ I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. § 73-107 and wish to have preference, if applicable, considered in the award of this contract.

_____ I hereby certify that I am a blind person licensed by the Commission for the Blind & Visually Impaired in accordance with Neb. Rev. Stat. §71-8611 and wish to have preference considered in the award of this contract.

F RM MUST BE SIGNED USING AN INDELIBLE METHOD OR BY DOCUSIGN

FIRM:	Great Plains Communications LLC
COMPLETE ADDRESS:	1635 Front Street, Blair, NE 68008
TELEPHONE NUMBER:	402-456-6445
FAX NUMBER:	
DATE:	January 17, 2023
SIGNATURE:	<small>DocuSigned by:</small> <i>Nicholas Holle</i>
PRINTED NAME & TITLE OF SIGNER:	<small>36489374C7AD47F...</small> Nicholas Holle, Corporate Counsel



FCC Form 470 – Funding Year 2023

Form 470 Application Number: 230006551
WANcircuits_2023-2027

Billed Entity

STATE OF NEB DEPT OF ADMIN
SERVICES, OFFICE OF THE CIO
501 SOUTH 14TH ST, PO BOX 95045
LINCOLN, NE 68509-5045
Lancaster County
402-471-3560
ed.toner@nebraska.gov

Billed Entity Number: 225870
FCC Registration Number: 0018343491

Application Type

Applicant Type: Consortium
Statewide State: NE
Recipients of Services: ESA School; Main
Branch; New Construction Library; Tribal Library

Contact Information

Becca Kingery
becca.kingery@nebraska.gov
402-471-0267

Number of Eligible Entities: 41

Statewide Application Represents: All public schools/districts in the state; All non-public schools in the state; All libraries in the state

Consulting Firms

Name	Consultant Registration Number	Phone Number	Email
Educational Service Unit 1	17025675	402-287-2061	e-rate@esu1.org
EDUCATIONAL SERVICE UNIT 10	16062372	308-237-5927 ext.232	erate@esu10.org
Educational Service Unit 2	17001273	402-721-7710	erate@esu2.org
EDUCATIONAL SERVICE UNIT NO 11	16062031	308-995-6585	erate@esu11.org
ESU 5 Erate Services	17000014	402-223-5277	natalie.brauer@esu5.org
ESU 9 Erate Consulting	17010836	402-463-5611	
ESU8	17017906	402-887-5041	bpickrel@esu8.org
Mary Gurney	17001967	402-760-2791	mgurney@esu8.org

Consultants

Name	Phone Number	Email
Andrew Contreras	402-287-2061	e-rate@esu1.org
Brent Pickrel	402-887-5041 ext.1234	bpickrel@esu8.org
Brett Unger	402-721-7710	erate@esu2.org
Chelsi Teel	308-698-1953	erate.cs@esu10.org
Gary Needham	402-463-5611	erate-consultant@esu9.us
Mary Gurney	402-760-2791	mgurneyerate@gmail.com
Natalie Coffin	402-223-5277 ext.220	natalie.brauer@esu5.org
Scott McIntosh	402-287-2061	smcintosh@esu1.org
Wade Gibson	308-995-6585	erate@esu11.org

RFPs

Id	Name
144434	6740 ZI RFP Section V FINAL
144435	6206_6740 ZI Master Agreement Rev 4 FINAL
144436	6740 ZI Appendix A FINAL

Id	Name
144437	6740 Z1 Appendix B Special Construction FINAL

Category One Service Requests

Service Type	Function	Function Other Description	Minimum Capacity	Maximum Capacity	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Data Transmission and/or Internet Access	Internet Access and Data Transmission Service		100 Mbps	10 Gbps	41	41	Each	Yes	144434, 144435, 144436, 144437

Description of Other Functions

Id	Name
Narrative	
<p>The Nebraska State Purchasing Bureau's current Solicitation (RFP 6740 Z1), for the purpose of selecting a qualified Bidder or Bidders to provide high speed transport services for participants of Network Nebraska is attached. The previous terms and conditions, under the previously posted 6616 Z1 Master Agreement Terms and Conditions Revision #3, has been updated and attached as Master Agreement Terms and Conditions Revision #4, and applies to this RFP, 6740 Z1. The terms should be reviewed, and the Master Agreement #4 Acceptance Page must be signed and returned to Dianna Gilliland for access to upload RFP proposal response. The full cost proposal spreadsheet will include multiple options for aggregation points and is attached and posted with the other RFP materials on the State Purchasing website at https://das.nebraska.gov/materiel/purchasing/6740/6740.html</p> <p>The RFP includes 41 circuits in Appendix A, ranging from 100Mbps to 10000Mbps for leased lit fiber Ethernet. The RFP also includes 32 E-rate eligible entities who wish to take advantage of the Nebraska Special Construction Matching Fund Program initiated by the Nebraska Public Service Commission under docket NUSF-117. All circuits involve pre-defined bandwidth increments and therefore generic service responses not compliant with the State of Nebraska's legal and technical terms and conditions will not be accepted.</p> <p>RFP 6740 Z1 is being administered by the State of Nebraska Purchasing Bureau to procure Layer 2 Ethernet services for the listed entities in Appendices A and B. Each entity has requested various bandwidth increments that would serve them over the life of the contract period, 7/1/2023-6/30/2027. Bid response information is available from RFP 6740 Z1: https://das.nebraska.gov/materiel/purchasing/6740/6740.html and interested bidders would be strongly advised to make regular visits to this website for continuing updates related to this procurement.</p> <p>For full details on bidding and disqualifications can be found in the documents attached to this FCC Form 470 and at https://das.nebraska.gov/materiel/purchasing/6740/6740.html</p>	

Installation Payment Plan

Range of Years: 1 - 4 Years

Payment Type: Annual

Category Two Service Requests

Service Type	Function	Manufacturer	Manufacturer Other Description	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs

Description of Other Manufacturers

Id	Name
Narrative	

Technical Contact

Greg Gray

University of Nebraska Infrastructure Director

402-472-7605

ggray@nebraska.edu

State and Local Procurement Restrictions

RFP Number: 6740 Z1 Name: Dianna Gilliland, Procurement Contracts Officer Agency: State Purchasing Bureau Address: 1526 K Street, Suite 130
--

Lincoln, NE 68508

Telephone: 402-471-4193

State Purchasing - 402-471-6500

E-Mail: dianna.gilliland@nebraska.gov

State Purchasing: as.materielpurchasing@nebraska.gov

From the RFP release date until the Intent to Award is issued, communication is limited to the Point of Contract (POC) listed above. The recipient of an Intent to Award may communicate with individuals the State has designated as responsible for negotiating the contract on behalf of the State. No member of the State Government, employee of the State, or member of the Evaluation Committee is empowered to make binding statements regarding this Request for Proposal. The POC will issue any answers, clarifications or amendments regarding this solicitation in writing. Only the SPB or awarding agency can award a contract. No communication or attempt to communicate with or influence any evaluator involved in this RFP is allowed.

Billed Entities

Billed Entity Number	Billed Entity Name
225870	STATE OF NEB DEPT OF ADMIN SERVICES, OFFICE OF THE CIO

Certifications

I certify that the applicant includes:

I certify that the applicant includes schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7801 (18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million.

I certify that the applicant includes libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools (including, but not limited to elementary and secondary schools, colleges, and universities).

Other Certifications

I certify that this FCC Form 470 and any applicable RFP will be available for review by potential bidders for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.

I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity necessary to use the services purchased effectively.

I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program.

NOTICE:

In accordance with Section 54.503 of the Federal Communications Commission's ("Commission") rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and

Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.503. Schools and libraries must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information requested in this form. We will use the information you provide to determine whether you have complied with the competitive bidding requirements applicable to requests for universal service discounts. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, the information you provide in this form may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information you provide in this form may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form, or in response to subsequent inquiries, may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide in this form may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC or Universal Service Administrator may return your form without action or deny a related request for universal service discounts.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 3.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

Becca Kingery
STATE OF NEB DEPT OF ADMIN SERVICES, OFFICE OF THE CIO
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Certified Timestamp

12/01/2022 05:11 PM EST

State of Nebraska
REQUEST FOR PROPOSAL FOR CONTRACTUAL SERVICES

SOLICITATION NUMBER	RELEASE DATE
RFP 6740 Z1	November 30, 2022
PROPOSAL OPENING DATE AND TIME	PROCUREMENT CONTACT
January 17, 2023 2:00 p.m. Central Time	Dianna Gilliland

PLEASE READ CAREFULLY!

SCOPE OF SERVICE

The State of Nebraska (State), Department of Administrative Services (DAS), Materiel Division, State Purchasing Bureau (SPB), is issuing this Request for Proposal (RFP) Number 6740 Z1 for the purpose of selecting a qualified Bidder(s) to provide high-speed transport services to participants of Network Nebraska. A more detailed description can be found in Section II. The resulting contract(s) may not be exclusive contract(s) as the State reserves the right to contract for the same or similar services from other sources now or in the future.

The term of the contract will commence upon execution of the contract by the State through June 30, 2027. The Contract includes the option to renew for four (4) additional one (1) year periods upon mutual agreement of the Parties. The State reserves the right to extend the period of this contract beyond the termination date when mutually agreeable to the Parties.

ALL INFORMATION PERTINENT TO THIS REQUEST FOR PROPOSAL CAN BE FOUND ON THE INTERNET AT:
<http://das.nebraska.gov/materiel/purchasing.html>.

IMPORTANT NOTICE: Pursuant to Neb. Rev. Stat. § 84-602.04, State contracts in effect as of January 1, 2014, and contracts entered into thereafter, must be posted to a public website. The resulting contract, the solicitation, and the successful contractor's proposal or response will be posted to a public website managed by DAS, which can be found at <http://statecontracts.nebraska.gov>.

In addition, and in furtherance of the State's public records Statute (Neb. Rev. Stat. § 84-712 et seq.), all proposals or responses received regarding this solicitation will be posted to the State Purchasing Bureau public website.

The Master Agreement Revision #4 Terms and Conditions for High-Speed Transport Services for Network Nebraska RFPs 2020-2023, apply to this RFP.

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GLOSSARY OF TERMS

For this section refer to the Master Agreement Revision #4 Glossary of Terms.

SPECIAL TERMS

UNI: A connection between a carrier and Network Nebraska, used to deliver one circuit/VLAN/service.

NNI: A connection between a carrier and Network Nebraska, used to deliver multiple circuits or services, with each on their own VLAN.

EPL: A point to point circuit topology, may or may not use a VLAN.

EVPL: A hub and spoke circuit topology, each circuit delivered with a VLAN tag to one NNI.

ELAN: A full mesh circuit topology, one VLAN or service label is used for all circuits in the carrier's network.

I. PROCUREMENT PROCEDURE

A. GENERAL INFORMATION

The Request for Proposal (RFP) is designed to solicit proposals from qualified bidders who will be responsible for providing high speed transport services for participants of Network Nebraska at a competitive and reasonable cost. Procurement procedures, terms and conditions, contractor duties and payment terms may be found in the Revised Master Agreement Revision #4.

Proposals shall conform to all instructions, conditions, and requirements included in the RFP. Prospective bidders are expected to carefully examine all documents, schedules, and requirements in the RFP, and respond to each requirement in the format prescribed. Proposals may be found non-responsive if they do not conform to the RFP or the bidder hasn't agreed to all the terms and conditions specified in the Revised Master Agreement Revision #4.

The Master Agreement Revision #4 Terms and Conditions for High-Speed Transport Services for Network Nebraska RFPs 2020-2023 apply to this RFP.

B. PROCURING OFFICE AND COMMUNICATION WITH STATE STAFF AND EVALUATORS

Procurement responsibilities related to this solicitation reside with State Purchasing Bureau. The point of contact (POC) for the procurement is as follows:

RFP Number: 6740 Z1
Name: Dianna Gilliland, Procurement Contracts Officer
Agency: State Purchasing Bureau
Address: 1526 K Street, Suite 130
Lincoln, NE 68508
Telephone: 402-471-4193
State Purchasing - 402-471-6500
E-Mail: dianna.gilliland@nebraska.gov
State Purchasing as.materieipurchasing@nebraska.gov

From the RFP release date until the Intent to Award is issued, communication is limited to the POC listed above. The recipient of the Intent to Award may communicate with individuals the State has designated as responsible for negotiating the contract on behalf of the State. No member of the State Government, employee of the State, or member of the Evaluation Committee is empowered to make binding statements regarding this Request for Proposal. The POC will issue any answers, clarifications or amendments regarding this solicitation in writing. Only the SPB or awarding agency can award a contract. No communication or attempt to communicate with or influence any evaluator involved in this RFP is allowed.

The following exceptions to these restrictions are permitted:

1. Contact made pursuant to pre-existing contracts or obligations,
2. Contact required by the schedule of events, or an event scheduled later by the Request for Proposal POC, and
3. Contact required for negotiation and execution of the final contract.

The State reserves the right to reject a contractor's proposal, withdraw an Intent to Award, or terminate a contract if the State determines there has been a violation of these procurement procedures.

C. SCHEDULE OF EVENTS

The State expects to adhere to the procurement schedule shown below, but all dates are approximate and subject to change.

ACTIVITY		DATE/TIME
1.	Release Request for Proposal	November 30, 2022
2.	Last day to submit written questions – Questions must be submitted via ShareFile ShareFile link: https://nebraska.sharefile.com/r-rd0fd3008e83149fca11b4a5c3a06b74c	December 7, 2022
3.	State responds to written questions through RFP “Addendum” and/or “Amendment” to be posted to: https://das.nebraska.gov/materiel/bidopps.html	December 9, 2022
4.	Electronic Proposal Opening Upload electronic submission via ShareFile, per emailed instructions received after signing Master Agreement Revision #4 Acceptance Page IT IS THE BIDDER’S RESPONSIBILITY TO UPLOAD ELECTRONIC FILES WITH ENOUGH AMOUNT OF TIME IN CASE OF USER ISSUE OR SOFTWARE ISSUE. Join Zoom Meeting https://us02web.zoom.us/j/83204646076?pwd=aE1kd2hxZysyTmhieXQ0L0hTVjVZUT09 Meeting ID: 832 0464 6076 Passcode: 502866 One tap mobile +13462487799,,83204646076#,,,,*502866# US (Houston) +16694449171,,83204646076#,,,,*502866# US Dial by your location +1 346 248 7799 US (Houston) +1 669 444 9171 US +1 669 900 6833 US (San Jose) +1 719 359 4580 US +1 253 205 0468 US +1 253 215 8782 US (Tacoma) +1 689 278 1000 US +1 929 205 6099 US (New York) +1 301 715 8592 US (Washington DC) +1 305 224 1968 US +1 309 205 3325 US +1 312 626 6799 US (Chicago) +1 360 209 5623 US +1 386 347 5053 US +1 507 473 4847 US +1 564 217 2000 US +1 646 931 3860 US Meeting ID: 832 0464 6076 Passcode: 502866 Find your local number: https://us02web.zoom.us/j/kcnECxZaJE	January 17, 2023 2:00 PM Central Time
5.	Review for conformance to RFP requirements	January 17 -19, 2023
6.	Evaluation period	January 20 - February 3, 2023
7.	Post “Notification of Intent to Award” to: https://das.nebraska.gov/materiel/bidopps.html	February 10, 2023
8.	Contract finalization period	February 10-28, 2023
9.	Contract award	February 28, 2023
10.	Contractor(s) start date	March 1, 2023

D. WRITTEN QUESTIONS AND ANSWERS

Questions regarding the meaning or interpretation of any Request for Proposal provision must be submitted in writing to State Purchasing Bureau and clearly marked "RFP Number 6740 Z1, High Speed Transport Services for Participants of Network Nebraska Questions". The POC is not obligated to respond to questions that are received late per the Schedule of Events.

Vendors should present, as questions, any assumptions upon which the bidder's proposal is or might be developed. Any proposal containing assumptions may be deemed non-responsive. Non-responsive proposal may be rejected. The contract will not incorporate any known or unknown assumptions of a bidder.

Questions should be uploaded using the following ShareFile link:
<https://nebraska.sharefile.com/r-rd0fd3008e83149fca11b4a5c3a06b74c>

It is recommended that Bidder's submit questions using the following format.

RPF Section Reference	RFP Page Number	Question

Written answers will be posted at <https://das.nebraska.gov/materiel/bidopps.html> per the Schedule of Events.

E. SUBMISSION OF PROPOSALS

Bidders should submit electronic proposal which should include the completed Form A, "Contractor Proposal Point of Contact". Proposal file names should use the file name template recommended in the Master Agreement Revision #4. It is the bidder's responsibility to ensure to complete and submit the Master Agreement Revision #4 Acceptance Page with enough time for the State to provide instructions on how to electronically submit the related RFP proposal before or by the date and time indicated in the RFP Schedule of Events. Electronic proposals must be received by the State Purchasing Bureau by the date and time of the proposal opening per the RFP Schedule of Events. No late proposals will be accepted.

The Request for Proposal form may be manually signed in an indelible manner or by using DocuSign and uploaded to the ShareFile folder by the proposal opening date and time along with the bidder's Request for Proposal and any other requirements as stated in the Request for Proposal document.

It is the responsibility of the bidder to check the website for all information relevant to this Request for Proposal to include addenda and/or amendments issued prior to the opening date. Website address is as follows:
<https://das.nebraska.gov/materiel/bidopps.html>

Emphasis should be concentrated on conformance to the solicitation instructions, responsiveness to requirements, completeness, and clarity of content. If the bidder's proposal is presented in such a fashion that makes evaluation difficult or overly time consuming the State reserves the right to reject the proposal as non-conforming.

By signing the "Request for Proposal for Contractual Services" form, the bidder guarantees compliance with the provisions stated in this RFP.

The State shall not incur any liability for any costs incurred by bidders in replying to this solicitation, in the demonstrations and/or oral presentations, or in any other activity related to bidding on this RFP.

The Cost Proposal should be presented in a separate Excel formatted file.

II. PROJECT DESCRIPTION AND SCOPE OF WORK

A. INTRODUCTION

The Bidder should carefully read, review, and respond with the information requested, section-by-section, in response to this RFP.

The objective of this RFP is to update and expand the statewide network that is currently in place to serve the eligible entities of Network Nebraska as defined by Neb. Rev. Stat. 86-5,100 and 79-1201.01(3). Network Nebraska is defined in Neb. Rev. Stat. 86-5,100 (LB1208, 2006). "Network Nebraska shall consist of contractual agreements with providers to meet the demand of state agencies, local governments, and educational entities. Such network shall provide access to a reliable and affordable infrastructure capable of carrying a spectrum of services and applications, including distance education across the state. Participation in Network Nebraska shall not be required for any educational entity. The Chief Information Officer shall aggregate demand for those state agencies and educational entities choosing to participate and shall reduce costs for participants whenever feasible."

Network Nebraska has grown to include 292 separate entities, and serves 99.6% of public-school districts, 100% of Educational Service Units, 100% of public colleges and universities, 54% of private colleges, 20% of private K-12 schools, and several public libraries and municipalities. Network Nebraska is jointly managed by the State of Nebraska Office of the CIO, in partnership with the University of Nebraska.

Network Nebraska is comprised of a seven-segment statewide backbone, six major aggregation points, and over 300 fiber Ethernet circuits, either directly handed off to Network Nebraska equipment at the aggregation points, or sub-aggregated at Educational Service Units. The Office of the CIO, on behalf of Network Nebraska, purchases three sources of commodity internet and two sources of commercial peering. The Network Nebraska participants may purchase their fiber Ethernet circuits either through the state contracts resulting from this and other State RFPs, or by using a local or regional procurement.

The State of Nebraska bids these services on behalf of numerous E-rate eligible education entities and some non-E-rate eligible entities across the State. Each E-rate eligible entity must be allowed a reasonable duration to hold a public meeting of its administrative board to approve its purchase from the resulting state contract(s) and to file its E-rate Form 471 prior to the national 2023 E-rate deadline and each succeeding year to be established by the USAC. Once Intent to Award has been announced by the State, each contractor must work expeditiously toward a signed contract to allow enough time for the local approval process. Failure to reach a signed contract with the State prior to Friday, March 1, 2023, may risk negation of purchases for the July 1, 2023 through June 30, 2024 performance year.

Nebraska Special Construction E-rate Matching Funds. On May 19, 2020 the Nebraska Public Service Commission voted to approve [NUSF-117](#), which instigated changes to the Nebraska Universal Service Fund to provide E-rate eligible schools and libraries with access to \$1 million in funding over four years to assist with the payment of special construction charges for broadband. Applications to apply for these funds from the NUSF are currently limited to E-rate Funding Years 2021-2024.

On August 14, 2020, the FCC and USAC approved the Nebraska program to be eligible for the increased federal and state matching funds, not to exceed 100% of the fiber construction costs for these E-rate eligible entities. <https://www.usac.org/e-rate/applicant-process/before-youbegin/fiber-summary-overview/additional-discount-to-match-state-tribal-funding-for-specialconstruction/>

While itemized Special Construction costs may be a new procurement expectation for service providers, it enables the eligible E-rate entities to qualify for an additional discount of up to 20% toward special construction costs and may also permit service providers the anchor tenancy needed to improve telecommunications services to other anchor institutions in rural areas, as well as commercial and residential customers en route to the eligible E-rate applicant.

Bid cost data will be accepted through two different appendices:

1. Appendix A: Ethernet leased lit fiber circuits for E-rate eligible entities and non-E-rate eligible entities connected to Network Nebraska aggregation points,
2. Appendix B: Ethernet fiber circuits for E-rate eligible entities connected to Network Nebraska aggregation points that involve the itemization of Special Construction charges.

B. E-RATE

The originating FCC Form 470 for this RFP can be found at <https://portal.usac.org/suite> and searching "Records > FCC Forms 470 > Funding Year 4> Nebraska > BEN 225870.

Each Bidder must have a Service Provider's Form 498 I.D. # (formerly SPIN) from the Universal Service Administrative Company (USAC) and be eligible to participate in the Universal Service Fund discount program for

telecommunications services provided to the E-rate eligible entities for the life of the contract and all applicable renewals. Bidder agrees to provide any discounts, including any accrued credits, for which the entity is eligible under the Universal Service Fund for school telecommunications services. Bidder will, at its expense, prepare, file, and continually keep current all carrier documents and reports required for the eligible entities to receive the benefit of such discounts and credits. The Bidder's Service Provider's Form 498 I.D. # (formerly SPIN) issued to bidder by the Universal Service Administrative Company should be included in the responding bid.

As required by the Federal Communications Commission (FCC), providers of eligible services must comply with the Lowest Corresponding Price (LCP) rule:

1. **47 CFR § 54.500(f)**
Lowest Corresponding Price (LCP) is the lowest price that a service provider charges to non-residential customers who are similarly situated to a particular school, library, or library consortium for similar services. ("Similarly situated" means the "geographic service area" in which a service provider is seeking to serve customers with any of its E-rate services.)
2. **47 CFR § 54.511(b)**
Providers of eligible services shall not charge schools, school districts, libraries, library consortia, or consortia including any of these entities a price above the lowest corresponding price for supported services, unless the Federal Communications Commission, with respect to interstate services or the state commission with respect to intrastate services, finds that the lowest corresponding price is not compensatory.

The Billed Entity Applicant Reimbursement (BEAR) FCC Form 472 is filed by the applicant and approved by the service provider after the applicant has paid for services in full. The Service Provider Invoice (SPI) FCC Form 474 is filed by the service provider after the applicant has been billed for the non-discount portion of the cost of eligible services. Note: An applicant may choose its method of invoicing; the service provider cannot force applicants to use a particular method.

As required by USAC policy, the contractor must retain documents from the bidding process through ten (10) years past the last date of service. Documents may be retained in electronic format or paper. The document list includes, but is not limited to, copies of bids, signed contracts, proof of service delivery, invoices, documentation of any service down time, and any other document retention required by the FCC. The Bidder shall provide the following information in response to this RFP and must provide prior to contract award.

The successful contractor(s) for Appendix B Special Construction sites must agree to participate in the E-rate applicant's Program Integrity Assurance (PIA) review and response of any Form 471 submission.

Service Provider's Form 498 I.D. # (formerly SPIN): _____

_____ Bidder has read and agrees to comply.

C. NETWORK TOPOLOGY

Appendix A and Appendix B sites involve Ethernet connectivity from Network Nebraska participant locations to one or more of the listed core aggregation locations (below). An award will be made for each participant location to a single core aggregation location based on lowest cost. If bid pricing is identical to two or more aggregation locations, and is awarded, the specific aggregation location will be decided by the Network Nebraska engineers and communicated to the contractor(s) during the project implementation phase.

1. Omaha–Peter Kiewit Institute, 1110 S. 67th Street
2. Omaha-1623 Farnam LLC, 1623 Farnam Street
3. Lincoln-Nebraska Hall, 901 N. 17th Street
4. Grand Island-College Park, 3180 W. Hwy 34
5. Kearney-UNMC Health Sciences Education Complex, 2402 University Drive (this co-location site is not accepting additional provider equipment; only replacements for existing equipment will be allowed)
6. Scottsbluff-Panhandle Research Center, 4502 Avenue I

An award will be made for each circuit in Appendix A and B based on lowest overall cost over the 48-month initial contract term.

IMPORTANT NOTES:

1. Most services listed above will be offered to Schools and Libraries and therefore must meet E-rate guidelines for eligible services, products, service providers and contracts.

2. All State agencies, the University of Nebraska, political subdivisions and other “eligible participants” will be allowed to purchase off the resulting contract(s).
3. There is no guarantee that any or all the institutions listed will purchase any or all of the services requested in this RFP.
4. Circuit topology must be stated on all bids on Appendix A and Appendix B.
5. Network Nebraska’s preferred circuit topology is an EVPL terminating to an existing, or new, NNI.
6. Circuits delivered via an ELAN will only be considered for existing UNIs.
7. If an existing ELAN circuit is to be upgraded to a speed less than 1Gbps, include non-recurring costs to groom it to an EVPL delivered to a new/existing NNI.
8. If an existing ELAN circuit is to be upgraded to a speed of 1Gbps or greater, the circuit must be groomed to an EVPL delivered to a new/existing NNI. Network Nebraska’s six (6) core aggregation points have specific handoff locations:
 - a. Peter Kiewit Institute
University of Nebraska – Omaha
1110 South 67th Street, Room 166
Omaha, NE 68182-0694
 - b. 1623 Farnam, LLC.
1623 Farnam Street, Suite 500
Omaha, NE 68102
 - c. University of Nebraska Data Center
Nebraska Hall Room 230
901 North 17th Street
Lincoln, NE 68588-0521
 - d. College Park
3180 W Hwy 34. Room 208.5
Grand Island, NE 68801-7279
 - e. UNMC Health Sciences Education Complex
2402 University Drive, Room 113
Kearney, NE 68845
(this co-location site is not accepting additional provider equipment at this time; only replacements for existing equipment will be allowed)
 - f. Panhandle Research and Extension Center
4502 Avenue I, Electrical/IT Closet
Scottsbluff, NE 69361-4939

_____ Bidder has read and agrees to comply.

PROJECT OVERVIEW

- D.** The objective of this RFP is to identify Contractor(s) who will design, develop, and implement high-speed data connectivity that will meet the current and future telecommunications needs of eligible participants over the term of the contract. Each Bidder will provide cost-effective, scalable and flexible high-speed data transport services that can connect eligible entities listed in Appendix A and B to Network Nebraska. The Bidder may bid on one, some or all of the eligible entities listed in Appendix A and B.

Each site/service will be reviewed individually. When bidding Appendix A and B locations, the Bidder must bid all costs to provide connectivity from the entity listed to at least one of the Network Nebraska aggregation points listed at the top of the Cost Proposal.

For Appendix A and B, the Bidder will include transport from the identified location with connectivity through the carriers’ cloud and ending at one of the identified aggregation locations. Connectivity back to the aggregation location must have the capacity to support all eligible entities bid transmitting at full capacity at any given time; oversubscription is not permitted. A ten (10) Gigabit Ethernet interface physical hand-off is required as a minimum for the connection at the identified aggregation locations. The cost for connectivity back to the Network Nebraska core aggregation rack MUST be figured into the MRC (monthly recurring charge) for the individual sites being bid. The State of Nebraska will not accept separate costs for the aggregation ports that connect all of the eligible entities to Network Nebraska. All co-location data center cross-connect, and fiber path costs needed to provide the physical interface hand-over to Network Nebraska equipment will be the responsibility of the Bidder. A co-location space will be provided at each of the aggregation locations for the Contractor with the exception of the 1623 Farnam handoff site.

For Appendix B, the Bidder will itemize costs for E-rate **Special Construction**, as identified by the FCC. Special Construction charges that are eligible for E-rate Category 1 support includes: A) Construction of network facilities; B) design and engineering, and C) project management. The term “special construction” does not include network equipment necessary to light the fiber or the services necessary to maintain the fiber. Charges for network equipment and fiber maintenance are eligible for Category 1 as separate non-recurring services, but not as special construction.

Eligible entities may include colleges, universities, state government, political subdivisions and K-12 institutions. The network design must accommodate the full implementation of Network Nebraska connections including a statewide, multi-purpose backbone.

All proposals must meet the technical requirements as stated in the RFP. The State requires the Bidder to bid a multi-purpose transport connection to interconnect the listed institutions along with the corresponding services that considers present, as well as future, state-of-the-art technologies.

_____ Bidder has read and agrees to comply.

E. PROJECT ENVIRONMENT

The current project environment consists of a multi-provider, layer-2 high-speed Ethernet network of over 300 fiber circuits. Multiple provider clouds connect to the various eligible entities. Providers hand off eligible entities to Network Nebraska at one of the identified core aggregation points and the Network Nebraska MPLS backbone interconnects the core aggregation points and provides transport to at least two Internet egress points.

At each service site location, the demarcation point to the customer premise equipment will provide at least 1 (one) 20-amp outlet and sufficient rack or wall space to mount the contractor’s termination equipment. Prospective bidders may request an appointment with the site contact listed in Appendices A and B to inspect the customer premise location in order to make a more informed bid.

_____ Bidder has read and agrees to comply.

F. PROJECT REQUIREMENTS

For the E-rate eligible entities that request services from the state contracts must be converted by July 1, 2023, or if ordered in Year 2 or 3, by July 1 for each succeeding year. The circuits must be installed and tested no later than the first Friday in August 2023 and each succeeding year, however neither the State nor the participating eligible entities can incur charges on these circuits until after July 1 of the implementation year due to E-rate. The cutover to the customer must be complete by the first Friday in August 2023 and each succeeding year or incur liquidated damages (see Section II.O. Contract Performance). Existing services must remain active until the final cutover (see Section II, G. Transition Requirement). The contractor(s) will provide a cost-effective, scalable, and flexible transport service that will be able to meet the demands of the network participants. Bidders shall identify services that are a normal part of their offering without additional fees.

The State of Nebraska reserves the right to reject proposals that attempt to substitute the contractor’s commercial contracts and/or SLA documents for the State’s Master Agreement, or legal and/or technical terms of this RFP.

The contractors may submit with their technical proposal any E-rate, tax exemption, USF affidavit, user agreement, service level agreement, or similar documents that the contractor wants incorporated into the Contract. The State will not consider incorporation of any document not submitted with the contractor’s proposal as the document will not have been included in the evaluation process. These documents shall be subject to review and/or negotiation and will be incorporated as addendums if agreed to by the Parties.

If a conflict or ambiguity arises after the Addendum to Contract Award has been negotiated and agreed to, the Addendum to Contract Award shall be interpreted as follows:

1. If only one Party has a particular clause then that clause shall control,
2. If both Parties have a similar clause, but the clauses do not conflict, the clauses shall be read together,
3. If both Parties have a similar clause, but the clauses conflict, the State’s clause shall control.

_____ Bidder has read and agrees to comply.

G. TRANSITION REQUIREMENT

Upon award of replacement contract(s) to a new contractor in 2027, the awarded Contractor under this RFP shall, upon request, or until a Notice of Termination is submitted, continue providing any part or all of the services in accordance with the terms and conditions, requirements and specifications of the contract for a period not to exceed

ninety (90) calendar days after the expiration or termination of the contract for a price not to exceed those prices set forth in the contract. The service will become month-to-month, if requested by the customer.

_____ Bidder has read and agrees to comply.

H. SCOPE OF WORK

The Contractor shall design, develop and implement a high-speed, IP-based, layer-2, Ethernet, wide area network to interconnect eligible entities as requested. The network interface to the customer's Customer Premise Equipment (CPE) must physically be Ethernet with the capability to provide multiple virtual Ethernet interfaces via 802.1Q Virtual Local Area Network (VLAN) tagging.

The network connections must be bid according to the bandwidth ranges and to the acceptable aggregation sites as stipulated in Appendices A and B. Any circuit conversions will be performed between April 1 and July 1, 2023 and must be as transparent as possible. All of the network connections must be operational by the first Friday in August 2023 and each succeeding year.

For Appendix A and B, each connection that is bid must be connected from the customer site demarcation to the aggregation site demarcation. The core aggregation handoff MUST have the capacity to support all eligible entities' connectivity to the core site transmitting at full purchased capacity over a single 10 Gigabit Ethernet interface. Multiple interfaces are allowed only as a redundant path for the primary connectivity. The new connectivity capacity can be aggregated at an existing "core" site interface as long as the overall capacity of the core interface is not exceeded due to the introduction of the additional remote site capacity. The State will not allow a separate cost for this "aggregation connection", that cost must be included as part of the individual site or sites being bid.

Appendices A and B may include core aggregation point choices that are "grayed out". The State will only accept bids for the bandwidths cited between the locations and the core aggregation sites that are not "grayed out". The Bidder can choose to give a price to bring the eligible entity back to any one or more of the eligible core destination locations except locations that are "grayed out" within the Appendix.

For locations where multiple speeds have been requested, the State will add the costs of all bandwidths bid to arrive at a total overall site cost that will be the basis for a lowest cost award.

All bids for a single service location to multiple aggregation points will be compared against each other. Each service location will only have one award and the State will award the lowest cost bid from that service location to one of the identified locations that meets the technical requirements as stated in the RFP. If a bidder bids identical pricing for a particular site to two or more core aggregation locations, and is awarded the site, the Network Nebraska engineers will select one of the core locations for the circuit.

The support of end-to-end customer VLANs (C-VLANs) is REQUIRED. Support can be provided either by using the IEEE 802.1ad provider bridging standard (also referred to as QinQ tunneling), or by directly bridging the customer VLANs from end-to-end, without C-VLAN modification and without provider interaction. For example, as a customer VLAN tagged packet travels from a customer to the service provider, a customer-specific 802.1Q tag is added by the provider to each packet. This additional tag is used to segregate traffic into service-provider-defined service VLANs (S-VLANs). The original customer 802.1Q tag of the packet remains and is transmitted transparently, passing through the service provider's network. The Service Provider VLAN (S-VLAN) tag is added on egress for incoming packets, optionally including untagged packets. As the packet leaves the S-VLAN in the downstream direction, the service provider 802.1Q tag is removed, leaving the original customer tag on the packet.

Eligible entities that participate and order the contracted circuits will purchase their own network equipment. The Contractor will need to work closely with these eligible entities (e.g. school districts, educational service units, libraries; etc.) to ensure that the appropriate network equipment is coordinated and ready for installation at the time the network conversion takes place.

To the extent possible, a contact person and contact information has been provided for each fiber site location. Prospective bidders may arrange mutually convenient appointments for site inspections or technical walk-throughs in order to prepare a more informed bid.

_____ Bidder has read and agrees to comply.

I. TECHNOLOGY REFRESH

The State and the Contractor will work in partnership to ensure the services provided under this contract will be continuously refreshed as technologies evolve and user needs grow. The OCIO staff, in conjunction with, or on behalf of, all other participants, will assume the primary role in seeking and proposing network enhancements that comply with FCC and E-rate rules and policies. This technology refreshment clause will be a required condition of the contract.

The State and the Contractor may conduct an annual review of the contract to review service offerings and pricing. These reviews may result in upgrading the services provided by the Contractor to include new pricing elements or pricing modifications associated with improved economies of scale and/or technological innovations. Changes in the industry related to regulation and/or pricing mechanisms may also result in modification of rates identified in the services offered by the Contractor. These reviews will commence at the request of the State.

_____ Bidder has read and agrees to comply.

J. TECHNICAL REQUIREMENTS

The bidder must provide a network design in which:

1. Layer 2 (802.1q/802.1p) VLAN and QoS tags must be allowed through the provided network connection and must remain unchanged by the provider.
2. Ethernet frames containing a 1500-byte payload (for a total minimum supported Ethernet frame size of 1542 bytes), must be allowed and flow as a single complete frame without any fragmentation by the provider's equipment. Reference: http://en.wikipedia.org/wiki/Ethernet_frame .
3. Layer 2 performance must be adequate to support jitter and latency sensitive applications (i.e., video over IP).
4. The network interface to the customer's CPE must be an Ethernet-based handover connection. The connection must support either 802.1q tagged frames or must support 802.1ad provider bridging.; The provider must either tunnel the customer VLAN tags through the provider network or must leave the customer VLAN tags unchanged from end-to-end.
5. Allow participating institutions to manage their own IP address space and routing.
6. Performance metrics on contracted circuits must be provided to Network Nebraska staff within 24 hours of request.
7. Network Nebraska must be notified within 24 hours of performing QoS changes, network monitoring changes or any other network changes that may have a positive or negative effect on performance as outlined in the RFP.
8. The provided connection must be tested to prove performance before it will be considered complete and usable. Testing according to ITU-T Y.1564sam or RFC-2544 for performance, frame-loss and latency is preferred but detailed performance, frame-loss, latency and QOS test disclosure is also acceptable. Testing must validate the minimum frame size specified is supported.
9. Every connection's receive AND transmit capacity must meet or exceed the bandwidth amount that is bid. Testing must validate that capacity meets the amount purchased before the connection will be considered complete and usable. If proof of end-to-end circuit capacity and testing is not provided, circuit acceptance will be delayed until networking personnel can verify that the circuit meets requirements.
10. To the extent possible, existing aggregate interfaces should be prioritized and used before laterally scaling equipment.
11. Network Nebraska engineers can request a circuit reprovision to fix issues without the need to renegotiate/renew the contract.
12. Any carrier provided equipment placed at the customer premise must be connected to a, carrier provided, networked UPS. The UPS must be able to successfully power carrier provided equipment, detect when commercial power has failed, and report that back to the carrier. The carrier must be able to view this information and provide it when a trouble ticket is opened.

_____ Bidder has read and agrees to comply.

K. PROJECT PLANNING AND MANAGEMENT

The State of Nebraska acknowledges that project management and implementation procedures will require alignment and adjustment of work processes for the Contractor's organizations, the eligible entities, and the State. The

alignment will be part of the contract finalization; however the Bidder will respond to this RFP assuming the following responsibilities.

1. STATE OF NEBRASKA AND NETWORK NEBRASKA ENTITY MANAGEMENT STAFF

The State of Nebraska and educational entity management staff will:

- a. Provide overall project direction and management.
- b. Review and approve all project plans and deliverables.
- c. Ensure that technical assistance and support are provided during the Contractor's implementation phases and ongoing upgrade design of this project.
- d. Establish project management guidelines by meeting with the Contractor's project management team as needed.
- e. Review and approve all project specific documentation standards and requirements for the various types of reports, technical/procedural documentation, and management materials that will be produced during the project.
- f. Coordinate other resources as needed to support the implementation process.
- g. Provide on-site assistance, as needed during the implementation phases of the project.
- h. Assist the Contractor in identifying eligible participants in the network as well as establishing guidelines with the Contractor for ordering, moving, adding or changing services.
- i. Provide adequate and reasonable space for contractor equipment, including at least one single source, unprotected electrical outlet.

2. CONTRACTOR

The Contractor will:

- a. Coordinate and administer the requirements of the network service(s) that are proposed.
- b. Maintain a data center, or co-location, within Nebraska or a state along the contiguous border
- c. Maintain toll free lines for voice and facsimile from the State to operational facilities for order entry and after hours help desk. Installation and maintenance may be subcontracted to one or more third parties to adequately cover the locations of the core transport backbone sites and to provide for rapid response in the event of a service disruption. The Contractor will provide information regarding intent to maintain its facilities after project implementation has been completed.
- d. Maintain toll free voice lines for after-hours helpdesk support for the duration of the contract. This point of contact will serve as the single point of contact for all services and equipment provided by the contract, including services and equipment subcontracted to another vendor.
- e. Provide upon request, technical information, graphs, charts, maps, photographs, block diagrams, operating manuals, and other information that will clearly show that the services offered are in full compliance with the minimum requirements of this RFP. In the event that the documentation furnished is at variance with the requirements of this RFP, the Contractor will explain in detail, with full engineering support data, the reasons why the proposed services meet the RFP requirements and should not be considered an exception.
- f. Provide within thirty (30) days of work order submission (a) detailed network diagram(s) and drawing(s) that clearly illustrate the network configuration and the functional relationships, as they are associated with the proposed services. These network diagrams will be reviewed and approved by the Network Nebraska engineering teams prior to any physical installation. Network diagrams must be made available to, or transmitted to, the State electronically in a format agreed upon by the Contractor and the State (i.e. Visio or downloadable PDF) to allow for import into various computer programs.
- g. Performance tests must be provided upon request to the Network Nebraska engineering team. Performance tests will be resubmitted to engineering team until results have been accepted.
- h. Provide upon request, basic technical specifications for each item of equipment included in the proposal. The information to be provided will be in the form of published specification sheets or other illustrative literature.
- i. Provide escalation lists and complete contact information.
- j. Communicate with the onsite technology contact prior to any required construction to confirm and document the exact demarcation location and minimum point of entry for each site address.
- k. Monitor and respond to disruptions in service to installed vendor equipment at the customer location.

If the Contractor is working with other "last mile" telecommunication providers to create an end-to-end solution, the Contractor should provide the State with technical contacts for the "last mile" provider.

If the Bidder intends to sub-contract any part of its performance hereunder, the Bidder must provide:

1. Name, address, and telephone number of the subcontractor(s);
2. Specific tasks for each subcontractor(s);
3. Percentage of performance hours intended for each subcontract; and
4. Total percentage of subcontractor(s) performance hours.

_____ Bidder has read and agrees to comply.

L. SERVICE LEVEL GUARANTEES

This network must support production applications that require a high degree of reliability and must operate with little or no service disruptions for twenty-four (24) hours a day, seven (7) days a week. Contractor(s) must provide solutions with the necessary redundancy, backup systems, and/or other disaster avoidance and recovery capabilities to support these needs. Contractor(s) must have the necessary staff for the installation and maintenance of their network responsibilities and necessary staff to assist the State in its installation and maintenance of critical network services. Upon request, the contractor will provide an explanation of any redundancy that is available as part of the site/service that will assure the required availability of the services. The following maintenance specifications are required service level guarantees. The Contractor will conform to these service level agreements, which are to include details concerning restoration procedures and goals, escalation procedures, and non-conformance penalties.

The State of Nebraska reserves the right to reject proposals that attempt to substitute the contractor's commercial contracts and/or documents for this RFP or its technical requirements.

Installation Deadline: Failure to meet the deadline dates for the deliverables as agreed upon by the parties may result in an assessment of liquidated damages equal to the difference between newly contracted monthly costs and the cost of the circuit or service being replaced, if incurred, until the deliverables are approved.

Up Time Requirement: The contract expectation is for a service that, at a minimum, will meet or exceed required specifications 99.99% of the month, not to exceed a maximum of 4.32 minutes of unscheduled downtime/service non-compliance per calendar month. Any service not meeting contract specifications which includes violation of QoS parameters will incur a contract performance penalty per the following formula:

For every hour and fraction of an hour of service violation exceeding the identified 99.99% uptime requirement, the customer will be refunded one day of service credit. Repeated violations of service performance agreements during any single calendar day will be considered a continuous event from the beginning of the original violation until the last violation. Violations on consecutive days will be considered continuous from the initial violation until the service has been restored. The service will be considered restored when no violation has occurred for 24 continuous hours (the 24-hour validation period is not considered part of the damages). Damages duration will round up to the next whole hour. Damages per calendar month shall not exceed the total cost of the one-month MRC.

Example: Intermittent connectivity from 9:15am-2:20pm on the same day; Duration of the actual service violation would be 5 hours and 5 minutes, or 5 hours 1 minute over the maximum allowable downtime of 4.32 minutes. Violation assessment is rounded up to the next whole hour, so the duration would be considered as 6 total hours of downtime if no previous downtime had been experienced for the service in the current month, or up to X hours depending on the amount of cumulative violations experienced in the month that exceeds the 99.99% uptime requirement. This would translate to 6 days of per diem charges credited to the account. For continual or accumulated outages totaling 30 hours, 30 days of charges (one-month MRC) would be credited to the account.

Latency Requirement: The contract requirement is for an Ethernet service to have a maximum round-trip latency of 15 milliseconds.

_____ Bidder has read and agrees to comply.

M. MAINTENANCE SPECIFICATIONS

When planned network maintenance activities are conducted by the Contractor which entails the risk of interrupting or diminishing service to Network Nebraska or its participants, the Network Nebraska Operations Center, noc@nebraska.edu or 1-888-638-6327 must be notified at least three (3) business days in advance of the maintenance planned. Additionally, the contractor must agree to work with the Network Nebraska Participants to find an alternate date and time of maintenance, if the proposed time would be particularly detrimental to Network Nebraska Participant needs. Mutually agreed upon maintenance activities are not considered a service violation and will not incur a service penalty.

The contractor should have in inventory the necessary spare equipment capable of restoring service in the event of contractor equipment failure. Maintenance contracts specifying next-day replacement or longer will not be considered an acceptable substitute for carrying inventory of appropriate replacement equipment.

The Contractor must operate its own Network Operations Center(s) and provide a centralized trouble reporting and maintenance system that is staffed 24 hours a day, seven (7) days a week. The Contractor shall provide sufficient staff for peak and critical hours. The Contractor shall provide Network Nebraska with a local and toll-free number for trouble reporting.

The Contractor must respond to trouble reports within one (1) hour of notification. The Contractor must also provide an escalation procedure and contact list to be used for unresolved issues, including names, titles and phone numbers of contact persons in the escalation chain. Major service-affecting problems that are not resolved within two (2) hours of time after the notification of trouble shall constitute a prolonged outage and must be escalated.

Access to performance service metrics is required, with a preference toward live metrics.

_____ Bidder has read and agrees to comply.

N. IMPLEMENTATION PLAN

The Bidder may submit with its proposal response, but must provide by March 1, 2023, an implementation plan for the deployment of the services, that reflect the services to be included in the associated contract. The plan must clearly represent the constraints of time, scope and cost. At a minimum the implementation plan must include the work breakdown structure (WBS), schedule, milestones, deliverables, risk assessment, mitigation strategies, resource planning and communication plans.

The Contractor will adhere to the implementation plan for deployment of services submitted as a requirement of this RFP. The Contractor will agree to participate in pre-scheduled project management conference calls as arranged by the Office of the CIO Project Management Office.

_____ Bidder has read and agrees to comply.

O. CONTRACT PERFORMANCE

If the Contractor fails to perform an obligation under the contract, the State may declare the contractor in breach and provide a right to cure. Payment will not be made for goods not delivered or services not performed, without penalty until such deficiency is cured or otherwise adjudicated.

_____ Bidder has read and agrees to comply.

P. DEPLOYMENT STATUS REPORTS

The Contractor's designated project manager will provide weekly reports of the status of any deployment schedules to the State's designated project manager. Deployment status reports will provide weekly information related to the adherence to the deployment schedule identified in Section II.E. Project Requirements, including identification of issues affecting the deployment schedule, and recommended resolution(s) to any identified barriers to network deployment.

_____ Bidder has read and agrees to comply.

Q. CERTIFICATION

The State requires that the Bidder be certificated or permitted by, or registered with, the Public Service Commission (PSC) to provide the services outlined in this Section of this RFP (Neb.Rev.Stat.§ 81-1120.19).

_____ Bidder has read and agrees to comply.

R. COST PROPOSAL REQUIREMENTS

Proposals will address the impact of normal growth, as well as planned and unplanned network expansion or service enhancement. All prices shall be proposed as an individual location/school cost on a recurring or non-recurring basis. All bidder costs must be reflected in either the monthly recurring costs, non-recurring costs, or taxes and fees column as listed in Appendix A and B. No additional charges will be accepted. The State shall not be required to purchase any specific service or minimum quantities of network services. The bandwidth increments provided are for the sole purpose of assisting the Bidders in preparation of their proposals and for the State to consider the feasibility of the proposed network solutions. The State shall not be responsible for any cost that is not identified in the Bidder's cost proposal. The State will not consider bids that offer conditional discounts or price structuring based upon the number of network locations that are awarded to a provider or the numbers of entities that order services.

Please display costs in the format provided in Appendix A and B. The bid prices listed must include the cost of doing business as indicated below. Provide a cost number in the appropriate cell.

1. NETWORK EQUIPMENT AND HARDWARE COSTS

Network equipment and hardware (non-CPE) will be part of and included in the itemized circuit costs. Circuit costs will be bundled costs and must include all necessary components needed to utilize the circuit at the bandwidth bid.

2. INSTALLATION COSTS

If non-recurring installation/set-up charges are applicable, these rates shall be delineated in the cost portion of the proposal. This cost for the circuit installation shall include all one-time costs associated with termination to the demarcation point from the network side and/or fees associated with interconnection to local exchange carriers.

- a. **All fees that would be incurred for a fully functioning end-to-end connection, whether recurring or non-recurring, must be included in the cost. All cross-connect, and facilities-related charges that would be incurred to physically connect the circuit to Network Nebraska equipment on both ends must be included in the cost.**
- b. IF A BIDDER ONLY NEEDS TO INCUR ONE NON-RECURRING COST PER LOCATION IN ORDER TO ESTABLISH THE DESCRIBED SERVICES, (e.g. \$2,500 one-time NRC for all bandwidths 100Mbps to 1,000Mbps), THEN THE BIDDER SHOULD INSERT THE NRC COST ITEM ON ONLY ONE LINE (e.g. 100Mbps) AND INSERT A COMMENT INTO THAT CELL.
- c. IF A BIDDER WISHES TO CHARGE A NON-RECURRING COST EACH TIME A NEW BANDWIDTH IS ORDERED OVER THE LIFE OF THE CONTRACT, THEN AN NRC COST SHOULD BE INSERTED NEXT TO **EACH** BANDWIDTH INCREMENT.
- d. Pricing must be provided for **all bandwidth increments** for each site location, or risk being disqualified as a non-responsive or incomplete bid.

3. SOFTWARE, WARRANTY, AND MAINTENANCE COSTS

The Bidder will include warranty and maintenance of the provided circuits in the service rates.

4. QUANTITY

The State reserves the option to purchase any quantity of service in any increment proposed, and to be able to review and adjust the quantity up or down over the life of the contract term. There will be no minimum or maximum quantities imposed as a result of any contract. All State agencies, the University of Nebraska, political subdivisions and other “eligible participants” will be allowed to purchase off of the resulting contract(s).

5. COST PROPOSAL INSTRUCTIONS AND TABULATION FOR APPENDIX A

Column ‘F’, Circuit Topology and Column ‘G’, Circuit Handoff, is new information requested by the University of Nebraska engineering team on each circuit that is bid. (See Page 3, SPECIAL TERMS)

The Appendix A proposal cost for each site location will be tabulated with an intent to award made based on the SUM of the lines of the monthly recurring costs and monthly taxes/fees (if any), multiplied by the applicable length of service in months, forty-eight (48), not to include extensions, plus the addition of one-time non-recurring costs, if included. $TOTAL\ 48-MONTH\ COST = \sum [(MRC + Taxes/Fees) \times 48] + NRCs$

**If multiple NRC costs are inserted to establish service at different bandwidths, the Cost Proposal Tabulation will include the highest NRC value as a one-time build cost.

SAMPLE—Bidder ‘A’ will be compared to other bidders on School X based on overall cost of \$139,473.60 for 48 months.

Entity	Bandwidth	Bidder ‘A’ NRC	Bidder ‘A’ MRC	Bidder ‘A’ Monthly Taxes/Fees	Bidder ‘A’ 48-month Cost
School X	100Mbps	\$1,000**	\$500	\$34.75	\$25,668.00
School X	200Mbps	\$0	\$600	\$41.70	\$30,801.60
School X	300Mbps	\$0	\$700	\$48.65	\$35,935.20
School X	400Mbps	\$5,000**	\$800	\$55.60	\$46,068.80
Total					\$139,473.60

BIDDER COMMENT: \$1,000 NRC will be applied if the customer purchases 100Mbps, 200Mbps, or 300Mbps. \$5,000 NRC will only be applied when the customer purchases 400Mbps.

_____ Bidder has read and agrees to comply.

6. COST PROPOSAL INSTRUCTIONS AND TABULATION FOR APPENDIX B

Column 'F', Circuit Topology and Column 'G', Circuit Handoff, is new information requested by the University of Nebraska engineering team on each circuit that is bid. (See Page 3, SPECIAL TERMS)

In addition, Columns, H, I, and J are REQUIRED FIELDS for each circuit bid. Columns O, P, Q, R, are strongly recommended to be submitted with the Appendix B Cost Proposal but can be delayed until the Program Integrity Assurance (PIA) review on each E-rate funding request.

The Appendix B proposal cost for each site location will be tabulated with an intent to award made based on the SUM of Column H, Network Construction Costs; plus Column I, Design and Engineering Costs, plus Column J, Project Management Costs, plus the SUM of the lines of the monthly recurring costs and monthly taxes/fees (if any), multiplied by the applicable length of service in months, forty-eight (48), not to include extensions, plus the addition of one-time non-recurring costs, if included. TOTAL 48-MONTH COST = $\sum [(MRC + Taxes/Fees) \times 48] + NRCs$.

**If multiple NRC costs are inserted to establish service at different bandwidths, the Cost Proposal Tabulation will include the highest NRC value as a one-time build cost.

SAMPLE—Bidder 'A' will be compared to other bidders on Library X based on overall cost of \$169,473.60 for 48 months.

Entity	Bandwidth	Bidder 'A' Special Construction = Network Construction + Design and Engineering + Project Management	Bidder 'A' NRC	Bidder 'A' MRC	Bidder 'A' Monthly Taxes/Fees	Bidder 'A' 48-month Cost
Library X		\$30,000				\$30,000.00
Library X	100Mbps		\$1,000**	\$500	\$34.75	\$25,668.00
Library X	200Mbps		\$0	\$600	\$41.70	\$30,801.60
Library X	300Mbps		\$0	\$700	\$48.65	\$35,935.20
Library X	400Mbps		\$5,000**	\$800	\$55.60	\$46,068.80
Library X	500Mbps					
Total						\$169,473.60
BIDDER COMMENT: \$1,000 NRC will be applied if the customer purchases 100Mbps, 200Mbps, or 300Mbps. \$5,000 NRC will only be applied when the customer purchases 400Mbps.						

_____ Bidder has read and agrees to comply.

Form A
Contractor Proposal Point of Contact
Request for Proposal Number 6740 Z1

Form A should be completed and submitted with each response to this solicitation. This is intended to provide the State with information on the contractor's name and address, and the specific person(s) who are responsible for preparation of the contractor's response.

Preparation of Response Contact Information	
Contractor Name:	
Contractor Address:	
Contact Person & Title:	
E-mail Address:	
Telephone Number (Office):	
Telephone Number (Cellular):	
Fax Number:	

Each contractor should also designate a specific contact person who will be responsible for responding to the State if any clarifications of the contractor's response should become necessary. This will also be the person who the State contacts to set up a presentation/demonstration, if required. It is the responsibility of the contractor to contact the State when this information changes.

Communication with the State Contact Information	
Contractor Name:	
Contractor Address:	
Contact Person & Title:	
E-mail Address:	
Telephone Number (Office):	
Telephone Number (Cellular):	
Fax Number:	

BIDDER MUST COMPLETE THE FOLLOWING

REQUEST FOR PROPOSAL FOR CONTRACTUAL SERVICES FORM

By signing this Request for Proposal for Contractual Services form, the bidder guarantees compliance with the procedures stated in this RFP and agrees to the terms and conditions unless otherwise indicated in writing and certifies that contractor maintains a drug free workplace.

The Master Agreement Revision #4 Terms and Conditions for High-Speed Transport Services for Network Nebraska RFPs 2020-2023 apply to this RFP.

Per Nebraska’s Transparency in Government Procurement Act, Neb. Rev Stat § 73-603 DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska Contractors. This information is for statistical purposes only and will not be considered for contract award purposes.

_____ NEBRASKA CONTRACTOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Contractor. “Nebraska Contractor” shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this RFP.

_____ I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. § 73-107 and wish to have preference, if applicable, considered in the award of this contract.

_____ I hereby certify that I am a blind person licensed by the Commission for the Blind & Visually Impaired in accordance with Neb. Rev. Stat. §71-8611 and wish to have preference considered in the award of this contract.

FORM MUST BE SIGNED USING AN INDELIBLE METHOD OR BY DOCUSIGN

FIRM:	
COMPLETE ADDRESS:	
TELEPHONE NUMBER:	
FAX NUMBER:	
DATE:	
SIGNATURE:	
PRINTED NAME & TITLE OF SIGNER:	