



**Kewaunee County  
BROADBAND STUDY COMMITTEE**

November 8, 2019 1:00 p.m.

Kewaunee County Administration Center, 810 Lincoln Street, Kewaunee, WI 54216  
Human Services Training Room

1. Call to Order
2. Roll Call
3. Approval of November 8, 2019 Agenda
4. Approval of October 25, 2019 Minutes
5. Discussion of and Rating Provider Proposals
6. Recommendation of Proposal to County Board Executive Committee
7. Next Meeting –
8. Adjournment

**Committee Mission Statement**

***“The mission of the Kewaunee County Broadband Study Committee is to research and gather information to educate the County Board and the community as to the various options and their costs required to serve the broadband needs of its citizens and businesses, and to encourage providers to invest and provide those services in Kewaunee County.”***

The Committee welcomes all visitors to listen and observe, but only Committee members and those invited to speak will be permitted to do so. Persons with disabilities needing special accommodations to attend or participate should contact the County Administrator's Office at (920) 388-7164 prior to the meeting so that accommodations may be arranged.



**Kewaunee County**  
**BROADBAND STUDY COMMITTEE**  
**MINUTES**

October 25, 2019 1:00 p.m.

Kewaunee County Administration Center, 810 Lincoln Street, Kewaunee, WI 54216  
Human Services Training Room

**Call to Order:** Chair Weidner called the meeting to order at 1:00 p.m.

**Roll Call:** Members Present – Robert Weidner, Gary Paape, Tom Cretney, Mary Ellen Dobbins, Virginia Haske, Lee Luft, Tom Romdenne, Scott Feldt, Steve Hanson, Ross Loining, Jeff Wisnicky, Richard Baker, Ryan Hoffman, Kim Larson, Frank Mazdarevic, August Neverman.

**Approval of October 25, 2019 Agenda:** Luft moved and Paape seconded to approve the agenda. Motion carried.

**Approval of September 25, 2019 Minutes:** Luft moved and Paape seconded to approve the September 25, 2019 minutes. Motion carried.

**Provider Presentations:** Presentation were given by Bug Tussel Wireless, Bertrand Communications, NSight Communications and Door County Broadband.

**Discussion of Provider Presentations:** The group discussed strengths and weaknesses of each of the presentations. It was agreed that a recommendation needs to be made soon to ensure ample time is provided to submit a broadband expansion grant.

**Next Meeting:** November 8, 2019 at 1:00 p.m.

**Adjournment:** Neverman moved and Hoffman seconded to adjourn the meeting. Meeting adjourned at 5:45 p.m.

Respectfully submitted,

Scott Feldt, Recording Secretary



## KEWAUNEE COUNTY

### Broadband Study Committee

c/o County Administrator's Office  
810 Lincoln Street  
Kewaunee, W 54216

## Kewaunee County Broadband Committee Request for Proposal

Kewaunee County is requesting proposals for High Speed Internet. The scope and details are noted below. The Kewaunee County Broadband Committee has set aside four, one hour closed door presentation sessions. Each closed door proposal presentation will be allowed one hour. Proposals will be selected on a first come, first to present order (assuming the proposal has all key information). If all available slots are used, or the vendor cannot present on Oct 25th, Kewaunee County may elect to have additional dates.

Location of presentation: **810 Lincoln St, Kewaunee, WI 54216**

Date/Time: **Oct 25th from 1pm to 4pm**

#### **Submit Proposals by Oct 22nd to (or contact with questions):**

Name: Scott Feldt

Email: [feldt.scott@kewauneeco.org](mailto:feldt.scott@kewauneeco.org)

Phone: 920-388-7164

### **Proposal Scope:**

Provide broadband (high speed internet) of at least **25 down and 10 up** for all rural residents within Kewaunee County), preferably higher than 100mbps down and 25mbps up. Fiber, wireless or a combination are acceptable. All technologies are under consideration including but not limited to: fiber (FTTH), fixed wireless, wifi or wifi mesh, WhiteSpace, point to point, 4G and 5G.

If the Kewaunee board moves forward, a vendor (or vendors) will be selected. The selected vendor will participate in the preparation of grants requests for WI state broadband and related federal grants including rural broadband, e-Rate and rural economic development.

Each vendor proposal must include the following information:

1. Speed up, speed down (if there are multiple speeds, note them)
2. Backhaul bandwidth per 100 users.
  - a. Identify number of internet sources
  - b. Oversubscription rate: such as (20 to 1) or (50 to 1)

Cost per month per service offering

Life expectancy of major components

Overall Cost, financing and/or up front funding if needed (Kewaunee may provide a combination of: loans, cash, and/or grants to facilitate the offering of the services to underserved areas of the County.)

Rough coverage map within the county

Examples of other successes - preferably government and/or regional contacts.

Summary of how we (vendor and Broadband committee) can

- a. educate the community on the services and value it provides.
- b. Communicate to the community and to the County Board

**VENDORS**

MEASURES		Weight	Bugtussel Wireless	Door County Wireless	Bertram	Nsight (Cellcom)	Mercury Net	Spectrum	Centurylink	Verizon, Packerland Broadband, AT&T and others
1	Existing Coverage Map	Med	YES	YES	YES	YES	YES	?	?	Unknown
2	Proposed Coverage Map	Med	YES	No?	No?	No?	No?	?	?	Unknown
3	Education / Communication	Low	YES	YES	YES	No?	Yes?	?	?	Unknown
4	Download Cap	High	NONE	NONE	NONE	NONE	NONE	NO	NO	Unknown
5	Useful Life	Low	?	?	?	?	?	?	?	Unknown
6	Cost/Funding Proposal	High	YES	YES	YES	No	YES			Unknown
7	Financial Impact	High	+\$100k Phase 1? +\$200k Phase 2?	-\$9mil	-\$1.2m	Unknown	\$0	\$0 (only for covered areas)	\$0 (only for covered areas)	Unknown
8	years in business	Med	?	?	?	?	?	?	?	Unknown
9	Uptime as a percent	Med	99.99%?	99.99%?	99.99%?	99.99%?	99.99%?	?	?	Unknown
10	Grant Experience	Med	YES	YES	YES	YES	Unknown	YES	YES	Unknown
11	Number of Customers	Med	?	3500?	?	?	?	?	?	Unknown
12	Timeline	Med	2-3yrs	1-2yrs	2yrs?	Unknown	Oyrs	Oyrs	Oyrs	Unknown
13	Fiber to Towers	Med	Phase II	Yes	?	?	?	N/A	N/A	Unknown
14	* Fiber Strand Govt Use	Low	Yes*	Unknown	Unknown	Unknown	Unknown	No?	No?	Unknown
15	* Co-pull Fiber conduit	Low	Yes*	Yes?	?	?	?	Unknown	Unknown	Unknown
16	Backhaul (Total Capacity)	High	Excellent	Excellent	Ok	Unknown	Unknown	Unknown	Unknown	Unknown
17	Number of Internet Sources	Med	?	?	?	?	?	Unknown	Unknown	Unknown
18	New Tech	Med	Likely 400mb+	No plan?	No plan?	Unknown	Unknown	Unknown	\$500mil in fiber statewide	Unknown
19	Tower Shared Govt	Low	YES *Cost	?	?	Unknown	Unknown	N/A	N/A	Unknown
20	Client Tower for LOS	High	YES	NO?	NO	Unknown	NO	N/A	N/A	Unknown
21	Max mbps Down *Higher is Better	HIGH	25	25	50	Unknown	75	1.5mbps to 300mbps depending on location	1.5mbps to 300mbps depending on location	Unknown
22	Max mbps Up *Higher is better	HIGH	5	6	?	Unknown	25	not reported	not reported	Unknown
23	Latency (delay & loss)	HIGH	Ok to Excellent	Good to Excellent	Ok to Poor	Unknown	Ok to Poor	Good except at end of runs	Good except at end of runs	Unknown
24	Examples of Success	MED	Multiple - Lafayette County Adams County and Other States	Door County Kewaunee	Multiple	Multiple	Multiple	Cities	Cities	High Density Regions
25	Service Technology	Low	LOS, Fiber	LOS, Fiber	LOS	CBRT, Cellular, Fiber	LOS, Fiber	Cable, Fiber	Copper, Fiber	Unknown

Service Offerings		512k/512k, \$14.99	4/1mbps \$54.95	5mbps, \$39.95	Unknown	\$100 to \$200 installation	\$44.99/mo 100mbps*	\$49.99/mo 10mbps*
		768k/768k, \$24.99	6/2 \$64.95	15mbps, \$69.95	Unknown	75/25mbps, \$50/month	\$64.99/mo 400mbps*	\$49.99/mo 1.5mbps*
		1.5mbps/768k, \$34.99	8/2.5 \$74.95	25mbps, \$79.95			\$104.99/mo 940mbps*	\$49.99/mo 20mbps*
		2mbps/1mbps, \$44.99	10/3 \$84.95	50mbps, \$124.95			(Varies with address)	\$49.99/mo 80mbps*
		4mbps/1mbps, \$54.99	12/3.5 \$89.95					
		8mbps/2mbps, \$69.99	14/4 \$114.95					
		12/3mbps, \$79.99	18/5 \$144.95					
		25/5mbps, \$99.99	25/6 \$204.95					
		60/8 \$169.99 *contract						
		up to 100mbps **contract						

