

**Erate**

1 message

Sam Rigby <srigby@lpsd.com>

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To: Laura Hylton <lhylton@lpsd.com>

We received responsive Erate quotes from Microcom, GES (DRS), and GCI for FY25. Each provider quoted incremental pricing and bandwidth levels as requested. All providers are using Starlink as either primary or secondary/failover service.

- GES is combining OneWeb as primary with Starlink as a failover
- GCI is combining their fiber/microwave as primary with Starlink as a failover
- GCI is also offering a lower-cost plan using Starlink as primary service with their fiber or geostationary satellites as failover
- Microcom is combining Starlink business as primary with a second Starlink business terminal as a failover

We have spent the last year monitoring and evaluating Starlink alongside OneWeb. Specifically, we have been monitoring uptime and latency. Starlink has maintained a higher uptime and lower latency overall. We have been able to successfully run several of our schools entirely on Starlink.

The Starlink terminals at Newhalen and Port Alsworth had been consistently testing at a lower bandwidth than the rest of the schools. We were only seeing 20-30mbps of throughput, whereas Starlink was delivering 200mbps everywhere else. Back in January, we believe Starlink updated their satellites and we are now seeing the same bandwidth throughput as everywhere else.

After reviewing the available plans, I am recommending the following internet service for FY25. These options ensure all schools have access to 200mbps or more, provides a moderate costs savings over FY24, and reduces our dependence on BAG funding.

- Port Alsworth - GES 50mbps or 100mbps + Residential Starlink (200mbps)
- Nondalton - Microcom Starlink 200mbps
- Newhalen - GES 50mbps or 100mbps + Residential Starlink (200mbps)
- Kokhanok - Microcom Starlink 200mbps
- Igiugig - Microcom Starlink 200mbps
- Levelock - Microcom Starlink 200mbps
- Port Heiden - Microcom Starlink 200mbps
- Chignik Lake - Microcom Starlink 200mbps
- Chignik Lagoon - Microcom Starlink 200mbps
- Perryville - Microcom Starlink 200mbps

ISP	Bandwidth Down	X	One-Time Expenses	1-Year MRC	3-Year MRC	5-Year MRC	1yr Annual Cost per Circuit	Annual Cost after Erate Discount	Cost per Megabit	Annual Savings
Microcom	200	Dual Starlink	\$3,500	\$2,955			\$38,960	\$3,896	\$19	\$38,960
GES / SES	25	OneWeb + Starlink		\$17,858	\$15,815	\$14,548	\$214,298	\$21,430	\$857	\$214,298
GES / SES	50	OneWeb + Starlink		\$17,922	\$15,877	\$14,609	\$215,067	\$21,507	\$430	\$215,067
GES / SES	75	OneWeb + Starlink		\$23,477	\$21,290	\$19,926	\$281,723	\$28,172	\$376	\$281,723
GES / SES	100	OneWeb + Starlink		\$27,754	\$25,457	\$24,019	\$333,050	\$33,305	\$333	\$333,050
GCI	25	Fiber + Starlink	\$60,000	\$26,250	\$22,500		\$375,000	\$37,500	\$1,500	\$375,000
GCI	50	Fiber + Starlink		\$42,000	\$37,500		\$504,000	\$50,400	\$1,008	\$504,000
GCI	100	Fiber + Starlink		\$90,000	\$75,000		\$1,080,000	\$108,000	\$1,080	\$1,080,000

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Sam Rigby
Director of Technology
Lake and Peninsula School District
(907) 744-2299 - Office
srigby@lpsd.com