

**Northfield Township Technology Consortium
Fiscal Year 2018**

Monthly Expenses

Fiber Transport

Village of Northbrook	GBD / GBN to VH	\$0	Intergovernmental Agreement	<i>Original Agreement</i>
Sunesys	GBN to GBS	\$2,300 \$5,500	120-month term for 10 GB (est. 3/2012) 120-month term for 10 GB / 8 strands of fiber	<i>Original-agreement</i> <i>Addendum TBD</i>
Sunesys	GBS and Chicago	\$1,800 \$2,000	120-month term for 1 GB (est. 3/2013) 120-month term for 10 GB (est. 3/2014)	<i>Addendum (+1 GB)</i> <i>Addendum (+ 9 GB)</i>
Sunesys	GBN and Chicago	\$2,500 \$2,500	120-month term for 10 GB (est. 4/2015) 120-month term for 10 GB (est. 9/2015)	<i>Addendum (was GBD)</i> <i>Addendum (now GBN)</i>
Sunesys	Taxes and Fees	<u>\$662</u> \$10,662	Per Month for GBS/GBN to Chicago	

Bandwidth

Hurricane Electric	GBS and Chicago	\$1,500 \$3,500 \$3,000	36-month term for 1 GB (est. 2/2013) 60-month term for 10 GB (est. 3/2014) 60-month term for 10 GB (est. 3/2015)	<i>Combined agreement</i>
Hurricane Electric	GBN and Chicago	<u>\$3,000</u> \$6,000	60-month term for 10 GB (est. 3/2015)	<i>Combined agreement</i>

Cross Connect

Sunesys	GBS and 350 Cermak	\$370	Term consistent with March 2014 Agreement
Sunesys	GBN and 427 LaSalle	<u>\$275</u> \$645	Not presently under contact/correction in progress

Total Monthly Outlay **\$17,307**

**Northfield Township Technology Consortium
Membership and Service Status**

Member Agencies

<u>Agency Name</u>	<u>Service Start Date</u>	<u>Bandwidth Allocation</u>	<u>% Allocation</u>	<u>E-rate Participant</u>
Glenbrook High School District 225	March 2013	17,300 Mbps	86.5%	Y
Northbrook School District 27	September 2016	1,000 Mbps	5.0%	Y
Northbrook School District 28	March 2014	500 Mbps	2.5%	Y
Northbrook / Glenview School District 30	August 2014	<u>500 Mbps</u> 19,300 Mbps	<u>2.5%</u> 96.5%	Y
Village of Northbrook	September 2016	100 Mbps	0.5%	N
Northbrook Public Library	October 2016	100 Mbps	0.5%	N
Northbrook Park District	October 2016	<u>500 Mbps</u> 700 Mbps	<u>2.5%</u> 3.5%	N

**Northfield Township Technology Consortium
Billing for July 1, 2017 - June 30, 2018**

Service Cost Formula

The below stated service costs have been determined based projected operational expenses for FY2017.

Calculation for Non Eligible E-Rate Agencies

Total Monthly Operational Cost	\$17,307.00	
÷ 20,000 Mbps	\$0.87	
- 100 Mbps for Village of Northbrook	\$87.00	\$0.87 per Mbps (absorbed by District 225)
- 100 Mbps for Northbrook Public Library	\$87.00	\$0.87 per Mbps
- 500 Mbps for Northbrook Park District	<u>\$435.00</u>	\$0.87 per Mbps
Total Monthly E-rate Eligible Charges	\$16,698.00	

Calculation for Eligible E-Rate Agencies

Total Monthly E-rate Eligible Charges	\$16,698.00	
- Total E-rate Discount for Eligible Charges	\$6,679.20	40% Discount Level
= Post-Discount Operational Cost	\$10,018.80	
+ E-rate Consulting (\$3,260 / 12)	\$271.67	
= Total Post-Discount Operational Cost	<u>\$10,290.47</u>	
÷ 19,300 Mbps	\$0.53	

Monthly E-rate Eligible Participant Costs

17,300 Mbps - Glenbrook HSD 225	\$9,169.00	\$0.53 per Mbps
1,000 Mbps - Northbrook SD 27	\$530.00	\$0.53 per Mbps
500 Mbps - Northbrook SD 28	\$265.00	\$0.53 per Mbps
500 Mbps - Northbrook / Glenview SD 30	<u>\$265.00</u>	\$0.53 per Mbps
	\$10,229.00	