

Data Center Infrastructure Upgrades

Data assessment provided by Piyasat Nilkaew, Director of ICT Computing and Communication Infrastructure, and ICT Telecomm, Network, Customer Support on 5/14/20.

The estimate for this project was created on May 14, 2020 for \$1,516,000.00 and broken down as follows:

2020-2021

Computer Hardware and Virtual Servers - Replacement & Growth	\$200,000.00
Disk space for the Storage Area Network	\$250,000.00
Disaster Recovery (Backups) replacement	\$348,000.00
Long Distance/Short Distance Fiber Routing Equipment (DWDM)	\$248,000.00
Fiber and Trenching	\$50,000.00
Network Router and Switches for local and remote Data Centers (Industry average replacement is 10 years)	\$200,000.00
Security/Firewall Appliance - Upgrade	\$120,000.00
Vulnerability Monitor/Testing and IDS/IPS (Intrusion Detection/ Protection System) Appliance	\$100,000.00
	Total \$1,516,000.00