



## NORTH SLOPE BOROUGH SCHOOL DISTRICT

### MEMORANDUM

**TO:** Board President Roxanne Brower  
Members of the School Board

**THROUGH:** Stewart McDonald, Superintendent

**FROM:** Everett Haimes

**DATE:** May 3, 2019

**SUBJECT:** **Information Technology Report**

Memo No. SB19-186  
**(Information Item)**

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#### **NSBSD Strategic Plan Goal:**

**4.0 Financial & Operational Stewardship:** Effectively employ our operational and financial resources to support our strategic goals and long-term stability of the district.

**4.2 Technology:** Leverage technology as a tool to facilitate learning, communication, and collaboration.

#### **Issue Summary:**

##### **General Communication Inc. contract amendment**

- 1) Increase Utqiagvik fiber Internet bandwidth from 90Mbps (megabits per second) to 135Mbps.
- 2) Re-route Utqiagvik WAN (Wide Area Network) traffic to satellite to free up Internet bandwidth.
- 3) Reduce WAN bandwidth from 5Mbps to 2.5Mbps to offset additional Internet bandwidth cost.

The goal of this contract amendment is to address site congestion problems experienced during this school year, with the net effect being enhanced service to all sites at a marginal additional cost to the District.

##### **Utqiagvik Telephone Replacement Project**

- 1) Utqiagvik Telephone handset and conference phone deployment is complete.
- 2) Extension schemes have been finalized and fax lines are prepared for migration.
- 3) Telephone directory complete, ring groups and intercom configuration underway.
- 4) Awaiting final external telephone number report and porting to new system.

Once external telephone number porting is complete, per-site customization will be prioritized. The IT staff has been performing hands-on telephone administration on a daily basis and is rapidly gaining experience necessary to provide significantly improved support for the District telephone system.