NORTHWEST ARCTIC BOROUGH SCHOOL DISTRICT

Ambler · Buckland · Deering · Kiana · Kivalina · Kobuk · Kotzebue · Noatak · Noorvik · Selawik · Shungnak
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NWABSD BOARD OF EDUCATION
Technology Committee Meeting
Conducted via Teams and in the NWABSD Boardroom
Call in: 1-833-682-3239, Access code: 218 499 081#
Agenda

January 22, 2024
1:30 p.m.

1. Chairperson Election
2. Technology Refresh Cycle
3. Action items:
    a. Purchase Award; E-Rate
4. Questions

Committee Members: Millie Hawley, Lawrence Jones Sr., Carol Schaeffer, Tillie Ticket
Technology Director: Amy Eakin

MISSION: To provide a learning environment that inspires and challenges students and employees to excel.
VISION: To graduate all students with the knowledge, skills, and attitudes necessary for a successful future.

TECHNOLOGY COMMITTEE
January 22, 2024

NWABSD Regional Board Members:

Millie Hawley

Lawrence Jones, Sr.

Carol Schaeffer

Tillie Ticket

NORTHWEST ARCTIC BOROUGH SCHOOL DISTRICT
Atautchikun Iñuuniałiptigun (Through Our Way of Life Together as One)

Agenda:

- Chairperson Election
- Technology Refresh Schedule
- ACTION ITEMS
  - Purchase Award; E-Rate
- Questions

Technology Refresh Schedule:

	Jan-Jul 2022	Aug–Dec 2022	Jan-Jul 2023	Aug–Dec 2023	Jan-Jul 2024	Aug–Dec 2024
High School Laptops	Refresh 2020					Refresh Fleet 2025
5-8 School Laptops	Refresh Fleet S2018 Purchase Cases		Refresh Fleet 2023			
SMARTBoards	Purchased 2014/2015; Warranty expired 6/30/20	10 Annually		10 Annually		10 Annually
Secretary, Principal, DO iMacs	Principals – purchased 8/2017; Secretary and DO iMac Refresh		Principal iMac Refresh	Complete DO iMac Refresh		
K-4 iPads (PK-4)	Refresh Fleet 2021; Refresh Apps				Refresh Apps 2024	Refresh Fleet 2026
Staff iPads	Fleet Purchased 8/2020					Refresh Fleet 2025
Staff Laptops	Refresh Fleet 2021					Refresh Fleet 2026
Computer Labs	ATC – partial update (5yr.)		ATC – partial update (5yr.)		ATC – partial update (5yr.)	
Network Infrastructure (Switches, Wireless)			402 Rack Replacement	Split OTZ Circuits Switches	C2 Install Wifi-6 APs in schools WLK, IAN, ORV	C2 Install Wifi-6 APs in schools BKC, DRG, OTZ
Meraki Refresh		3yr. License Renewal				License Renewal 12/2025
Mitel Phone System		Partial Phone Refresh				
VTC	RUS Award 2020; Complete install of RUS awarded Infrastructure			RUS; Refresh Polycom 2023		
Servers	Refresh ABL/WTK/ORV	Refresh SHG	Refresh WLK			DO Server refresh 2027;
Windows Infrastructure			Windows 2019 Server Upgrade			

Purchase Award:

1. Funding cycle for Category 2 from 2021 to 2025.

2. October to December 2023 Request for Proposal (RFP) for Category 2 items

   a. Bidding matrix weighed the cost, compatibility, technical ability, past performance, and manufacturer experience

   b. 7 eligible bids were received

   c. Intellitech scored highest due to cost

3. 85% of the cost will be applied for through E-Rate

4. The total district cost will not exceed $37,987.50

5. Funds available in the Technology Capital Improvement Project fund balance

6. The purchase of this equipment is contingent on Board approval and the E-Rate funding award

Questions?

ASSESSMENT

Entity: Northwest Arctic Borough School District (B

Form 470 #: 240001828

Assessment for:	Category 2 Network Equipment (Firewall, Switches, APs & Licenses)
Evaluator's Name:	Amy Eakin, Paul Wood, Kwang Hong
Evaluator's Title:	Director of Technology, Assistant Director of Technology, PC Support Technician
Date Completed:	December 20, 2023

Weighting:	40	10	15	15	10	10	AUTOMATIC SCORE CALCULATIONS						
Vendor	Costs (eligible)	Costs (ineligible)	Compatibility	Technical Ability	Past Performance	Manufacturer Experience	Costs (eligible)	Costs (ineligible)	Compatibility	Technical Ability	Past Performance	Manufacturer Experience	Total Score
	0-100pts	0-100pts	0-100pts	0-100pts	0-100pts	0-100pts							
Bridge Data Solutions	93	100	100	100	100	100	37.04	10.00	15.00	15.00	10.00	10.00	97.04
Cerium Networks Inc.	95	90	100	100	100	100	38.19	9.00	15.00	15.00	10.00	10.00	97.19
Sierra Consulting Group, Inc. (d/b/a Heliox Group)	72	100	100	100	100	100	28.82	10.00	15.00	15.00	10.00	10.00	88.82
Intelligent VAR Technology (Intelli-Tech)	100	100	100	100	100	100	40.00	10.00	15.00	15.00	10.00	10.00	100.00
Optimus Technology Company	72	100	100	100	100	100	28.74	10.00	15.00	15.00	10.00	10.00	88.74
Questivity, Inc.	99	100	100	100	100	100	39.53	10.00	15.00	15.00	10.00	10.00	99.53
Structured	69	89	67	23	17	17	27.55	8.90	10.00	3.50	1.67	1.67	53.28

Vendor	Evaluation Notes
Bridge Data Solutions	We are already a Meraki network.; We curently have Meraki. Using Meraki will not require multiple portals to manage our networks.; We work with Meraki regularly.; No training required.
Cerium Networks Inc.	We are already a Meraki network.; We curently have Meraki. Using Meraki will not require multiple portals to manage our networks.; We work with Meraki regularly.; No training required.
Sierra Consulting Group, Inc. (d/b/a Heliox Group)	We are already a Meraki network.; We curently have Meraki. Using Meraki will not require multiple portals to manage our networks.; We work with Meraki regularly.; No training required.
Intelligent VAR Technology (Intelli-Tech)	We are already a Meraki network.; We curently have Meraki. Using Meraki will not require multiple portals to manage our networks.; We work with Meraki regularly.; No training required.
Optimus Technology Company	We are already a Meraki network.; We curently have Meraki. Using Meraki will not require multiple portals to manage our networks.; We work with Meraki regularly.; No training required.
Questivity, Inc.	We are already a Meraki network.; We curently have Meraki. Using Meraki will not require multiple portals to manage our networks.; We work with Meraki regularly.; No training required.
Structured	Juniper is compatible; however, it would require time and training to integrate with our current Meraki.; We currently have one management console for our network (Meraki). This would force us to use two consoles to manage our network.; We have no experience with Juniper.; We have to be trained for Juniper products. The cost to train is a high-budget item.

MEMORANDUM
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TO: NWABSD Board of Education Members

DATE: January 23, 2024

NUMBER: 24-087

FR: Office of the Superintendent

SUBJECT: Purchase Award; E-Rate

STRATEGIC PLAN/BOARD GOAL:

Track 1: Operational Improvements
Initiative: Optimize Business Practices

ABSTRACT:

Board approval is required for purchases exceeding $50,000.

ISSUE:

At issue is the E-Rate purchase award to Intellitech to provide network infrastructure equipment for the amount not to exceed $253,250.00, with the District's obligation not to exceed $37,987.50 contingent on E-Rate funding.

BACKGROUND AND/OR PERTINENT INFORMATION:

The Federal Communications Commission (FCC) adopted the E-Rate Modernization order in July 2014 to assist school districts in providing internet. A five-year funding cycle for Category 2 for hardware that supports the internet began in 2021 and runs through 2025. From October through December 2023, the NWABSD went through the Request for Proposal (RFP) process for Category 2 items to supplement the regional Meraki infrastructure. The improved infrastructure allows more devices to connect to the internet simultaneously and have a higher-quality network connection.

As a result of the RFP process that included a bidding matrix that weighed the cost, compatibility, technical ability, past performance, and manufacturer experience, Intellitech was awarded the bid by the NWABSD. From this process, the District submits the request for funding to USAC so the Federal Government can commit to paying 85% of the needed hardware cost to continue upgrading our Districtwide Infrastructure. USAC provides funding to improve the infrastructure of all schools in our region through Category 2 proportionate to the student count at each school. Category 2 funding is the partner to USAC's E-Rate funding that supports the internet for our District.

The District anticipates an E-Rate discount for this equipment such that the total district cost will not exceed $37,987.50. Funds will come from the available Technology Capital Improvement Project fund balance. The District anticipates receiving the Funding Commitment Decision Letter (FCDL) from USAC later this spring. The purchase of this equipment is contingent on Board approval and the USAC funding award.

ALTERNATIVES:

1. Approve the purchase of network infrastructure equipment for the amount not to exceed $253,250.00 with district obligation not to exceed $37,987.50 contingent on E-Rate funding;

2. Do not approve the purchase of network infrastructure equipment for the amount not to exceed $253,250.00 with district obligation not to exceed $37,987.50 contingent on E-Rate funding;

3. Take no final action.

ADMINISTRATION'S RECOMMENDATION:

The administration recommends the Board approve the purchase of network infrastructure equipment for the amount not to exceed $253,250.00 with district obligation not to exceed $37,987.50 contingent on E-Rate funding as presented.