



NORTH SLOPE BOROUGH SCHOOL DISTRICT
MEMORANDUM

TO: Robyn Burke, President
Members of the Board

THROUGH: David Vadiveloo, Superintendent DSV

FROM: Blake Mikesell, Maintenance & Operations Director BM

DATE: June 11, 2024

SUBJECT: FY25 Purchase Over \$10K – Samsara

Memo No. SB24-172
(Informational Item)

NSBSD Policy Manual:

Board Policy 3300 Expenditures/Expending Authority: The Superintendent or designee may purchase supplies, materials, and equipment in accordance with the law. The Superintendent or designee shall not authorize any proposed expenditure that exceeds the major budget classification allowance against the expenditure is the proper charge unless an amount sufficient to cover the purchase is available in the budget for transfer.

Board Policy 5142 Safety: The School Board places a high priority on safety and on the prevention of student injury. The district shall make reasonable effort to ensure the safety and proper conduct of students from the time they come under school supervision until they leave school supervision, whether on school premises or not. The Superintendent or designee shall establish procedures as necessary to protect students from dangerous situations.

NSBSD Strategic Plan Summary:

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

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

Issue Summary:

The North Slope Borough School District is introducing increased security and safety features across its operations. Transportation is a vital operational concern and the safety and accountability of the system is vital to successful operations. By acquiring this software & hardware, our Transportation division will be able to provide real-time visibility, relevant tools, and powerful analytics to enable the NSBSD to increase the productivity of our buses and reduce operating costs.

Other program features:

- Front and rear facing cameras.
- Ability to scan kids on and off the bus (no more kids left behind on the bus). Parents know when their child is on and off the bus.
- The scan cards are adaptable with the lunch program scanners so we would have one scan ID for both programs.





- GPS locating and routing for better accuracy with bus pick up changes and links with parent app. Requests for bus route changes from parents would be instant (parents allowing grandparents pick up and drop off)
- Telematics, which will be able to diagnose any issues with the bus itself such as engine or transmission issues or any failures with lighting and stop sign lights.
- Speed reporting. We can program digital barriers that notify if a driver goes outside the normal route. It can also provide speed data of drivers to better understand issues with driver performance that we currently do not have.
- Ability to adapt either existing cameras to the system or newer.
- Real-time information daily to administrative team if warranted.
- Better accuracy in ride reporting quarterly.
- If we decide to add fleet vehicles to any part of the system, we can do so.
- This system will be for all buses districtwide.

Funding Source and Contract Amount:

Contract amount for the first year is \$18,521.60

FY25 Fund 205 Transportation will be distributed from account code:

205.200.790.000.452

Term of Contracts:

One year July 1, 2024 through June 30, 2025

Proposed Motion:

No motion is required. This is an informational Item as the purchases of supplies, materials, and equipment are within the discretion of the Superintendent or designee.

Signature: *DS Vadiveloo*
DS Vadiveloo (Jun 14, 2024 11:13 AKDT)

Email: david.vadiveloo@nsbsd.org

Signature: *Blake Mikesell*
Blake Mikesell (Jun 14, 2024 09:30 AKDT)

Email: blake.mikesell@nsbsd.org

