



NORTH SLOPE
BOROUGH SCHOOL DISTRICT
— *Striving For Excellence* —

**RUS DLT GRANT BID 2024
DISTANCE LEARNING EQUIPMENT
NORTH SLOPE BOROUGH SCHOOL DISTRICT**

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UTQIAGVIK, AK 99723

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INTRODUCTION

The North Slope Borough School District (NSBSD) is the largest and northernmost school district in the United States. It serves 1935 students at eleven schools and one Residential Learning Center (RLC). The NSBSD has approximately 450 employees at the eleven schools, RLC, Central Office, Central Office Annex, Transportation, and Maintenance and Operations Building.

I. Objective

The North Slope Borough School District is seeking proposals from qualified vendors to provide the equipment and installation of this equipment designated in the RUS Grant described in this Request for Proposal (“RFP”) to develop a distance learning initiative. North Slope Borough School District will build upon a 2022 DLT grant by implementing large format A/V builds in auditoriums/gymnasiums with the ability to videoconference via Zoom across the district. Equipment at 4 NSBC sites NSBSD will increase access to sports, community events, training, plays, town halls, etc.

II. Scope of Service

1. Purchase, install, and provide a 3-year warranty for the equipment as listed in Appendix A. Other equipment vendors will be considered, provided they meet or exceed the specifications of the listed equipment.
2. This proposal will include on-site training for the 2 Utqiagvik sites, Point Hope and Wainwright locations.
3. Video-based training may be included.
4. The Vendor shall provide physical installations and materials/equipment necessary to complete the Auditoriums.
5. All work not found conforming to the proposal's intent shall be repaired promptly at no additional charge to NSBSD.
6. The vendor is responsible for all project management. This is a turn-key solution, with the involvement of NSBSD IT staff limited to connecting panels to the district Wi-Fi and installing software on NSBSD computers. NSBSD IT staff will be available to answer any unanticipated support requests.

III. Specifications

1. Barrow High School Auditorium:

AV System Description:

The Auditorium will showcase a 13000 Lumen WUXGA projector and a 16:10 255” diagonal electric ceiling projection screen. The projector will provide meeting participants with video content from virtual meetings or user presentations. A control room 27” monitor will provide video content to the AV system controller. There is also an HDMI output connection in the left wing to allow a user to send content to an owner-furnished mobile display on the stage.

The video conferencing system will feature a Zoom Room dedicated compute device, a Logitech Tap tabletop 10” touch panel, and three PTZ Optics PT30X-NDI pan, tilt, zoom

(PTZ) cameras. The Zoom Room touch panel will be in the control room. A PTZ camera will be mounted on either side of the stage. The third PTZ camera will be mounted at the back of the house. The dedicated computing device and touch panel will be configured in native Zoom Room mode. The native Zoom Room graphic user interface (GUI) provides a simple and familiar platform with one-touch join, content sharing, camera options, and meeting management features.

An Extron SMP 351 live streaming device will be provided for streaming content to YouTube, Facebook, Twitch, or any other streaming platform. The live streaming device has an HDMI input for user content and one for a camera feed. It will allow users to show just the content, the camera feed, or the content and provide a picture-in-picture of a camera feed.

The audio system will feature fifteen wireless conference units with gooseneck microphones, four wireless handheld microphones, two surface-mounted speakers, and any other speakers we can get to function. The wireless conference units will be used for meetings on the stage and will not be used for sound reinforcement. The surface mount speakers will provide audio reinforcement for virtual meetings, program audio, and voice lift of the wireless microphones. The audio will be mixed, processed, and routed using a Biamp audio digital signal processor (DSP).

Users will have four options to present content to a virtual meeting, streaming platform, and room video destinations. The first two options are to use one of the two HDMI connections in the stage left wing. The third option is an HDMI connection in the control room. The fourth option is to use the Mersive Solstice pod to present wirelessly. A 4x1 HDMI auto switcher will be provided to connect multiple devices simultaneously at either the stage left wing or the control room.

The AV system will be controlled by an Extron tabletop 10” touch panel in the Control room. This touch panel will allow users to route the video signals, control microphone audio, and turn on/off the AV system. A PTZ Optics camera controller will allow users to control the cameras using a joystick. The Extron control user interface can also be controlled using an owner-furnished iPad.

The main head-end equipment will be installed in the two existing 18RU equipment racks.

Owner furnished Equipment:

- Make and Model unknown – 18RU equipment rack – Quantity = 2
- Apple iPad – Quantity = 1

2. Eben Hopson Middle School Multipurpose Room:

AV System Description:

The Multipurpose Room will showcase an 8500 Lumen WUXGA projector and 16:9 184” diagonal electric wall projection screen. The projector will provide meeting

participants with video content from virtual meetings or user presentations. A control room 27” monitor will provide video content to the AV system controller.

The video conferencing system will feature a Zoom Room dedicated compute device, a Logitech Tap tabletop 10” touch panel, and two PTZ Optics PT30X-NDI pan, tilt, zoom (PTZ) cameras. The Zoom Room touch panel will be in the control room. A PTZ camera will be mounted on the stage left wall. The second PTZ camera will be mounted at the back of the house wall. The dedicated computing device and touch panel will be configured in native Zoom Room mode. The native Zoom Room graphic user interface (GUI) provides a simple and familiar platform with one-touch join, content sharing, camera options, and meeting management features.

An Extron SMP 351 live streaming device will be provided for streaming content to YouTube, Facebook, Twitch, or any other streaming platform. The live streaming device has an HDMI input for user content and one for a camera feed. It will allow users to show just the content, the camera feed, or the content and provide a picture-in-picture of a camera feed.

The audio system will feature four wireless handheld microphones, one auxiliary audio bodypack microphone, a Bluetooth receiver, and two ceiling-mounted speakers. The Bluetooth receiver will be mounted on a control room wall. The ceiling-mounted speakers will provide audio reinforcement for virtual meetings, program audio, and voice lift of the wireless microphones and bodypack. The audio will be mixed, processed, and routed using a Biamp audio digital signal processor (DSP).

Users will have four options to present content to a virtual meeting, streaming platform, and room video destinations. The first two options are to use one of the two HDMI wall plates in the stage left wing. The third option is an HDMI connection in the control room. The fourth option is to present wirelessly using the Mersive Solstice pod.

The AV system will be controlled by an Extron tabletop 10” touch panel in the Control room. This touch panel will allow users to route the video signals, control microphone audio, and turn on/off the AV system. A PTZ Optics camera controller will allow users to control the cameras using a joystick.

The main head-end equipment will be installed in an existing 24RU wall-mounted equipment racks.

Owner furnished Equipment:

- 24RU wall-mounted equipment rack – Quantity = 1

3. Wainwright Alak School Gym:**AV System Description:**

The Wainwright Alak School Gym will showcase an 8500 Lumen WUXGA projector and 16:9 184” diagonal electric wall projection screen. The projector will provide meeting participants with video content from virtual meetings or user presentations. A control room rack-mount dual 9.7” monitors will provide video content to the AV system controller.

The video conferencing system will feature a Zoom Room dedicated compute device, a Logitech Tap tabletop 10” touch panel, and two PTZ Optics PT30X-NDI pan, tilt, zoom (PTZ) cameras. The Zoom Room touch panel will be on a slide-out shelf in the equipment rack. A PTZ camera will be mounted on the left side of the projection screen. The second PTZ camera will be mounted opposite the projection screen. The dedicated computing device and touch panel will be configured in native Zoom Room mode.

An Extron SMP 351 live-streaming device will be provided to stream content. The live streaming device has an HDMI input for user content and one for a camera feed. It will allow users to show just the content, the camera feed, or the content and provide a picture in a picture of a camera feed.

The audio system will feature four wireless handheld microphones, one auxiliary audio bodypack, a Bluetooth receiver, a rack speaker, and two existing surface-mounted speakers. The Bluetooth receiver will be in the equipment rack. The surface mount speakers will provide audio reinforcement for virtual meetings, program audio, and voice lift of the wireless microphones and bodypack. The audio will be mixed, processed, and routed using a Biamp audio digital signal processor (DSP).

Users will have two options to present content to a virtual meeting: a streaming platform and the room video destinations. The first option is an HDMI connection in the control room. The second option is to use the Mersive Solstice pod to present wirelessly.

The AV system will be controlled by an Extron rackmount 10” touch panel in the Control room. This touch panel will allow users to route the video signals, control microphone audio, and turn on/off the AV system. A PTZ Optics camera controller will allow users to control the cameras using a joystick. The PTZ Optics camera controller will be on a slide-out shelf in the equipment rack.

The main head-end equipment will be installed in a new 44RU locking equipment rack.

Owner furnished Equipment:

- JBL surface-mounted speakers – Model unknown – Quantity = 2
- Extron XPA 2004 – Four-channel audio amplifier – Quantity = 1

4. Point Hope Tikigaq School Gym:**AV System Description:**

The Point Hope Tikigaq School Gym will showcase a 13000 Lumen WUXGA projector and an existing 16:10 226” diagonal electric wall projection screen. The projector will provide meeting participants with video content from virtual meetings or user presentations. A control room rack-mount dual 9.7” monitors will provide video content to the AV system controller. An owner-furnished Blu-ray player will be integrated into the system to allow for the playback of Blu-Ray discs.

The video conferencing system will feature a Zoom Room dedicated compute device, a Logitech Tap tabletop 10” touch panel, and two PTZ Optics PT30X-NDI pan, tilt, zoom (PTZ) cameras. The Zoom Room touch panel will be on a slide-out shelf in the equipment rack. A PTZ camera will be mounted on the left side of the projection screen, and the second PTZ camera will be mounted opposite the projection screen. The dedicated computing device and touch panel will be configured in native Zoom Room mode.

An Extron SMP 351 live streaming device will be provided for steaming content to YouTube, Facebook, Twitch, or any other streaming platform. The live streaming device has an HDMI input for user content and one for a camera feed. It will allow users to show just the content, the camera feed, or the content and provide a picture in a picture of a camera feed.

The audio system will feature four wireless handheld microphones, one auxiliary audio bodypack, a Bluetooth receiver, a rack speaker, and an existing Soundsphere audio system. The Bluetooth receiver will be in the equipment rack. The Soundsphere speakers will provide audio reinforcement for virtual meetings, program audio, and voice lift of the wireless microphones and bodypack. The audio will be mixed, processed, and routed using a Biamp audio digital signal processor (DSP).

Users will have two options for presenting content to a virtual meeting: a streaming platform and the room video destinations. The first option is an HDMI connection in the control room. The second option is to present wirelessly using the Mersive Solstice pod.

The AV system will be controlled by an Extron rackmount 10” touch panel in the Control room. This touch panel will allow users to route the video signals, control microphone audio, and turn on/off the AV system. A PTZ Optics camera controller will allow users to control the cameras using a joystick. The PTZ Optics camera controller will be on a slide-out shelf in the equipment rack. The Blu-ray player will be controlled using the transport controllers on the player.

The main head-end equipment will be installed in a new 44RU locking equipment rack.

Owner furnished Equipment:

- Soundsphere Q series speakers – Model unknown – Quantity = 18
- QSC CX204V – Four channel audio amplifier – Quantity = 1

IV. Warranties

The proposal must specify all warranties by vendor and manufacturer on both products and labor. The vendor’s warranties commence with full acceptance of/or payment for the work. The minimum acceptable warranty on hardware, parts, and labor is three (3) years.

V. Service

The Vendor must provide terms of service should repair become necessary, including work and materials not covered under warranty.

VI. Evaluation Methodology

A committee of representatives of the North Slope Borough School District will review and evaluate qualified and responsive proposals to select the best bid.

Each responsive proposal will be evaluated using weighted criteria, including the cost offered for the eligible products or services and other measures. Contract award will be based on total points.

VII. Evaluation Criteria

Criteria	Points
1. <u>Lowest cost per service proposed</u> . Price for all parts, labor, design, project management, programming, and shipping and handling. (Lower cost = higher point value) (Maximum score = 30)	30
2. <u>Lowest Implementation Cost to School District</u> . Cost to the district of implementing this proposal. Estimated employee or other costs to implement this service will be considered. General ease of implementation. (Lower cost = higher point value) (Maximum score = 20)	20
3. <u>Vendor experience with USDA DLT/RUS projects</u> . The perceived quality of the vendor’s response, including completeness, accuracy, and appropriateness. (Maximum score = 20)	20
4. <u>Quality of References</u> . The vendor’s overall performance record, including responsiveness and reputation based on feedback from available references. (Best Reference = higher point value) (Maximum score = 10)	10

<p>5. <u>Service Resiliency</u>. The ability to provide and maintain an acceptable level of service in the face of faults and challenges to normal operation. (Highest resiliency = highest point value) (Maximum score = 10)</p>	<p>10</p>
<p>6. <u>Previous Experience with Vendor</u>. General rating of district experience with the vendor, including processes, services, support, staff, and billing systems. (Best experience = highest point value) (Maximum score = 10)</p>	<p>10</p>

TERMS AND CONDITIONS OF REQUEST FOR PROPOSAL (RFP)

VIII. Response Submission

Responses to this RFP must be submitted and delivered to NSBSD online via E-Mail to Director of Information Technology, Reginald Santos, reginald.santos@nsbsd.org or by Mail by 4:00 PM AKST, March 22, 2024. It is the sole responsibility of the respondents to ensure that their responses arrive on time. NSBSD will reject all late arrivals.

Envelopes containing responses to this RFP shall be so marked as to be easily identified as having RFP proposals. The outside of the envelope shall be identified as follows:

**“RUS DLT GRANT BID 2024 “
DISTANCE LEARNING EQUIPMENT
NORTH SLOPE BOROUGH SCHOOL DISTRICT
Attn: Reginald Santos
1693 Okpik St. NSBSD MAO CENTRAL
PO Box 455 Utqiagvik, Alaska 99723-0455**

Oral, telephone, or fax bids shall not be considered, nor will modifications of proposals by such communication be considered. The completed proposal shall be without erasures or alterations. If awarded, the service provider will deem the delivery of the proposals authorized to make a contract. Any questions should be made in writing via e-mail to Mr. Reginald Santos, reginald.santos@nsbsd.org, Director of Information Technology.

IX. Costs Associated with Preparation of the Vendor’s Response

NSBSD will not be liable for any cost incurred by the respondents in preparing responses to this RFP or negotiations associated with the contract award.

X. Proposal Binding Period

All prices quoted in the vendor’s response will remain for the contract term from the issuance date of the vendor’s response.

XI. Bid Opening Procedure

All bids will be opened at 1:00 PM AKST, March 25, 2024, and all interested persons are invited to be present. Bid opening will occur at the North Slope Borough School District, Maintenance and Operations Central Building, 1693 Okpik St. Utqiagvik, AK 99723.

XII. Omissions

Omissions in the proposal of any described provision shall not be construed to relieve the Vendor of any responsibility or obligation to the complete and satisfactory delivery, operation, and support of any equipment or services.

XIII. Evaluation of Responses

NSBSD may, at its discretion, at no fee to NSBSD, invite any vendor to be available to question during the response evaluation to clarify statements in the response. Further, NSBSD may, at the vendor's expense, request that the vendor meet with NSBSD for a personal interview.

XIV. Right to Reject

NSBSD reserves the right to accept or reject all proposals or sections thereof, and when the rejection is in the best interest of NSBSD, it reserves the right to award without further discussion. NSBSD reserves the right to waive minor irregularities of any proposal and negotiate any proposal's terms.

XV. Basis of Award

NSBSD will award a contract based on the following terms:

1. Scores from the Evaluation Criteria are found in section VII above.
2. Review references of at least three (3) installations of similar application size and complexity. (All references should include a contact person, work dates, mailing address, and telephone numbers.)
3. Approval of NSBSD School Board and Administrative staff.

XVI. Insurance Requirements

Within ten (10) days after notification of award, The Vendor shall furnish to the North Slope Borough School District a Certificate of Insurance showing compliance within the following limitations:

1. The Vendor agrees to comply with the Worker's Compensation Laws of the State of Alaska.
2. It shall be stated on every policy or Certificate of Insurance, as the case may be, that "The insurance company agrees that the policy shall not be canceled, changed, or allowed to lapse until ten (10) days after the North Slope Borough School District has received written notice as evidenced by the return receipt of registered mail, and it is agreed further that as to lapsing, such notice will not be valid if mailed more than fifteen (15) days before the expiration date shown on the policy."

3. The Vendor shall maintain other insurance (with the below limits) that shall protect The Vendor and the North Slope Borough School District from any claim for property damage or personal injury, including death, which may arise out of operations under this contract. The Vendor shall furnish the North Slope Borough School District with insurance certificates and policies.

Below is a list of the insurance coverage that The Vendor must procure at his own expense. The Vendor agrees to follow the instructions indicated in each case:

The North Slope Borough School District Protective Liability Insurance:

- Personal injury, including death, limits \$1,000,000.00 for each person and \$1,000,000.00 for each accident.

Vendor's Public Liability Insurance:

- Personal injury, including death, limits \$1,000,000.00 for each person and \$1,000,000.00 for each accident.
- Property Damage limits of \$100,000.00 for each accident and \$500,000.00 for the aggregate.

XVII. Governing Law

All RFPs and related documents submitted to the North Slope Borough School District by the Vendor are governed by the laws of the State of Alaska.