



Kuspuk School District

Working together to achieve every student's highest potential

Upper Kalskag | Lower Kalskag | Aniak | Crooked Creek | Chuathbaluk | Stony River | Sleetmute

Kuspuk School District

Request for Proposals

GENERAL BID PROCESS INFORMATION

RFP release date: February 12, 2021

Bids due: 4:00 pm (AKST) March 12, 2021

FCC Form 470 Application Number: 210022180

GENERAL BID PROCESS INFORMATION

Kuspuk School District is requesting proposals for a One (1), Three (3) and Five (5) year contract with an additional Two (2) +1 year extensions for multiple symmetrical and asymmetrical bandwidth levels (minimum download 25Mbps up to maximum of 100Mbps) for both Internet Access and Transport Bundled (Non-Fiber) AND Leased Lit Fiber (with or without Internet Access).

Quotes MUST include the specific symmetrical bandwidth levels of 10Mbps, 15Mbps and 25Mbps with an additional +5 Mbps step increments up to 100Mbps for additional growth throughout the life of the contract. Bids for 10Mbps, 15Mbps, and 25Mbps are mandatory, so that the District may apply for the State BAG grant throughout the life of the contract awarded.

All questions regarding this 470 must be received in writing via email by the date/time of **4:00pm (AKST) on February 22, 2021. No questions will be responded to via telephone.**

All questions should be directed to eheckathorn@kuspuk.org. Responses to any questions submitted will be posted on the District's website at <https://www.kuspuk.org> on **February 25, 2021.**

All proposals must be sent to Kela Halfmann, E-Rate Coordinator, at kelah@serrc.org and Elric Heckathorn, Tech Director, at eheckathorn@kuspuk.org.

Proposals in their entirety must be received by **4:00 pm on March 12, 2021.** No extensions will be granted.

SCOPE OF WORK:

Overview of Proposal Requests: Request of Symmetrical 10Mbps - 100Mbps

Kuspuk School District is requesting bids for multiple bandwidth levels (minimum 10Mbps to maximum of 100Mbps) for both Internet Access and Transport Bundled (Non-Fiber) AND Leased Lit Fiber (with or without Internet Access) for the below listed District sites.

The District is also seeking bids for two (2) different WANS, one (1) WAN Connection for three (3) sites in Aniak and one (1) WAN for three (3) sites in Kalskag. The Kuspuk School district is not interested in any type of WAN connection that has data caps or that is charged based on usage.

Contention Ratio/Guaranteed Speeds (Service Level Agreement) for upstream/downstream, outage response, and general resolution timelines, including an escalation contact list, must be included with all proposals. Site or system outages over 4 hours may require a reduction in monthly billing amount, at the hourly rate extended (to include the first 4 hours).

Each vendor must be eligible to bid, per USAC rules and their bids/services must meet all applicable rules governing bodies' rules and laws.

Cost of eligible services must be separated from any ineligible services as well as any one-time non-recurring fees must be clearly indicated in the bid.

All costs for C1 and C2 must be kept separate and may not be "bundled". Attempts to roll costs of C1 and C2 together, will be cause for disqualification.

Awardee must be willing to provide discounted billing, and invoice USAC via a Service Provider Invoice (SPI).

REQUESTED SERVICES Internet/WAN (C1):

Internet and WAN speeds requested at these Aniak sites

DISTRICT OFFICE: (10/10Mbps up to 100/100Mbps)

AJSHS (25/25Mbps up to 100/100Mbps)

AMNES (25/25Mbps up to 100/100Mbps)

Three (3) WAN connections: (1Gbps & 10Gbps)

Internet speeds requested at these Up-River schools

Chuathbaluk – CVSS (15/15Mbps up to 100/100Mbps)

Sleetmute – JESS (15/15Mbps up to 100/100Mbps)

Crooked Creek – JJSS (15/15Mbps up to 100/100Mbps)

Stony River – GMS (10/10Mbps up to 100/100Mbps)

Internet and WAN speeds requested at these Kalskag sites

GMSHS (25/25Mbps up to 100/100Mbps)

JOGES (15/15Mbps up to 100/100Mbps)

ZLES (15/15Mbps up to 100/100Mbps)

Three (3) WAN connections: (1Gbps &10Gbps)

Vendor must provide a physical internet connection and appropriate hardware at each location/school.

IMPORTANT NOTE: If satellite internet connection(s) are proposed, the vendor must provide service that uses a physical **on-ground** satellite dish and appropriate hardware at each location/school.

Example: Three (3) separate Satellite dishes at the District Office, at AMNES and AJSHS and Three (3) separate Satellite dishes at GMSHS, ZLES and JOGES.

Kuspuk reserves the option to individually modify the (symmetrical) upload and download speeds at any time during the term of the contract

Indicate all service types that will be included with your bid.

Category 2 Narrative:

REQUESTED SERVICES - Managed Internal Broadband

Quotes may not be bundled and must include cost per hour. We are seeking managed internal broadband service (MIBS) for the operation, management, and monitoring of all existing E-rate eligible Category 2 equipment at nine (9) schools in the district. Equipment consists of the following at each site:

Firewall/router - Ubiquiti Unifi Security Gateway Pro (10x10Mbps Internet per site)

Switch – Ubiquiti Unifi 48 port, 500W PoE+ switch, Edge Switches

UPS – APC Smart-UPS SRT 5000VA RM (also seeking installation of these, see below)

Wireless – Ubiquiti Unifi AP Pro, 40 total for the district with 3-5 at each school

Cabling – new Cat6e.

The above listed equipment is the current infrastructure at each of the district sites. Please note: on this same **470 application # _____**, the district is requesting upgrades to all hardware. In the event that upgrades are implemented the expectation of the Kuspuk School District is that the awardee of the C2 services will support the upgraded equipment.

Services currently in use and/or would like the capability to use:

- Remote Desktop capability from site to site efficiently without tunneling in district, as well as from an offsite location through a VPN connection.
- On-site Caching

- Forced Static IP(s) up to 75 for printers & servers
- VLAN for the entire district

Other requirements:

- Vendor provides external IP (possible up to 12) addresses mapped to internal addresses for servers. Provide as a service or provide an alternative solution
- Vendor provides a Co-Location, preferably in a major city
- All site and/or system outages or network degradation will be documented
- Services that address traffic shaping/prioritizing/QoS