We are seeking proposals for upgrading our networking infrastructure to replace aged and poorly working equipment across all three of our campuses. Vendors may bid on all or individual components of this request (e.g., hardware only, cabling only, or individual campus locations), but proposals leveraging volume discounts across all locations are highly encouraged. Price of E-Rate eligible goods and services will be the primary factor considered in evaluation. Bidders must be in good standing with USAC and provide a valid SPIN (Service Provider Identification Number) with their response.

UT Tyler University Academy at Tyler

Cabling and infrastructure:

1. Closet Filing Cabinet Switch Relocation & Enclosure Upgrade:
Procure and deploy a compact mobile cart networking rack enclosure (or functional equivalent) to relocate three switches currently sitting unmounted on top of a filing cabinet.

Bidders must provide:

- Assembly and placement of a mobile rack enclosure with maximum external dimensions of 40” H x 20” D x 25” W to accommodate tight closet space constraints.
- Rack mounting of the three active switches into the new enclosure.
- Cable management, re-routing, re-patching, line testing, and clean labeling of all associated network connections.

2. Kitchen Cabinet Network Relocation & Enclosure Upgrade:
Relocate existing networking equipment (router, switches, and associated components) currently housed inside a kitchen cabinet into a dedicated, wall-mounted or cart networking rack enclosure (or functional equivalent).

Bidders must provide:

- Complete removal of existing gear from the kitchen cabinet.
- Assembly and mounting/placement of the new rack enclosure.
- Extension, re-routing, and re-termination of existing horizontal cabling into a new patch panel inside the enclosure.
- Rack mounting of active equipment, clean patching, line testing, and labeling.

3. Relocation of Equipment in Three Buildings:
Ceiling-to-Wall Relocation & Enclosures:

A. Relocate existing network switches currently housed in the ceilings of three portable buildings into accessible, wall-mounted rack enclosures (or functional equivalent). Scope includes unmounting ceiling gear, installing appropriate wall racks, installing new patch panels inside each rack, re-terminating and re-routing existing horizontal cabling into the new patch panels, patching to switches, and complete line testing/labeling.

B. Inter-Building Fiber Backbone Drops (Buildings 1, 3, and 4):
Buildings 1 & 4: Currently connected to the central IDF/MDF via legacy copper connections. Bidders must provide a turn-key installation for new multi-strand fiber optic runs connecting each building back to the central location, including pathway, termination, patch panels, testing, and labeling. (OM4 multi-mode or OS2 single-mode, or functional equivalent)

Building 3: Has an existing fiber run connecting it to another building (currently utilized by a separate network). Bidders must assess whether sufficient unused, terminated fiber strands exist within this run to support a secondary connection. Bidders should provide a dual-option quote:
* Option A (Primary): Utilize existing fiber strands and supply compatible SFP/SFP+ optical transceivers.
* Option B (Alternate): Pull, terminate, patch, and test a new fiber drop if existing strands are unavailable, damaged, or insufficient.
Note: Work under Option A or Option B is strictly to establish dedicated district network connectivity serving school operations.

4. Classroom Re-wire:
One classroom needs a rewire from the classroom's access point to that building's switch. Our UniFi console is reporting slow speeds and a damaged cable is suspected.

Active networking equipment:

- UniFi Aggregation switch or functional equivalent (qty: 1)

- UniFi Switch Pro 8 PoE (or functional equivalent small switch capable of 10G SFP+ connections and PoE+. (qty: 7)

- UniFi U7 Pro Access Points or functional equivalent (qty: 32)

- Scope includes physical unboxing, rack mounting into existing or new enclosures, and physical patching. District staff will handle all logical configuration and adoption.

UT Tyler University Academy at Longview

Cabling and infrastructure:

1. Classroom Re-wire:
One classroom needs a rewire from the main building's networking closet to that classroom's access point. Our UniFi console is reporting slow speeds and a damaged cable is suspected.

Active Networking Equipment:

- UniFi Switch Pro 48 PoE or functional equivalent (qty: 3)
- UniFi U7 Pro Access Points or functional equivalent (qty: 32)
- Scope includes physical unboxing, rack mounting into existing or new enclosures, and physical patching. District staff will handle all logical configuration and adoption.
  Note: existing networking closet re-patching labor required to accommodate physical removal of old switches and installation of new active equipment.

UT Tyler University Academy at Palestine

Active Networking Equipment:

- UniFi Switch Pro 48 PoE or functional equivalent (qty: 1)
- UniFi U7 Pro Access Points or functional equivalent (qty: 16)
- Scope includes physical unboxing, rack mounting into existing or new enclosures, and physical patching. District staff will handle all logical configuration and adoption.