LOS LUNAS SCHOOLS
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LOS LUNAS SCHOOLS
RFP 2027-003-HR
2027 E-RATE CATEGORY 2 AND SECURITY CABLING INFRASTRUCTURE SERVICES
AMENDMENT NO. 1
DATE: NOVEMBER 13, 2026

RFP No.: 2027-003-HR

RFP Due: Thursday, December 3, 2026

Time: 2:00 PM Mountain Time

Where: Los Lunas Schools Website via Beacon Bid

https://www.llschools.net/departments/purchasing/purchasing-services-rfps-itbs-and-contracts

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2027 E-RATE CATEGORY 2 AND SECURITY CABLING INFRASTRUCTURE SERVICES
FOR
LOS LUNAS SCHOOL DISTRICT
RFP NO. 2027-003-HR
RFP Amendment No. 1
November 13, 2026

The above referenced RFP #2027-003-HR has been amended as follows:

I . Pre-Proposal Conference Questions & Answers

1. Rack #2 in the MDF wasn't Grounded. Does the district want the vendor to ground and bond that rack and the existing ladder rack?

   No. Grounding and bonding of MDF Rack #2 and the existing ladder rack are not part of this scope. The Vendor remains responsible for bonding the equipment it installs, including the armor of the new fiber cables, per Section 3.1."

2. Is there a map of the pathways for the fiber from the MDF to the various IDFs and cabinets?

   No.

3. Will the school facilities take out the power where it needs to be removed, or will we have to bid that? (i.e. Power poles and decommissioned IDFs)?

   Power removal will not be provided by the District. The Vendor must perform all electrical disconnections and removal in their proposed pricing and scope.

4. Is Vendor responsible for removing unused raceway after demo?

   Yes.

5. Is the Vendor expected to replace the ceiling tiles affected by the scope of work?

   The Vendor is responsible for replacing any ceiling tiles that are damaged or removed during the performance of the scope of work with matching materials.

   Exception: For tiles with holes resulting from the removal of power poles, the District will provide the replacement tiles.

6. Are cable splices allowed?

   No.

7. Will a plan be provided that has the size of in-ground conduits?

Please see the map titled "Los Lunas Middle School Network Pull Boxes and Closets" included below with the revised Scope of Work.

8. Will the district provide a lift?

No. The Vendor must supply all necessary lifts and equipment, as well as floor protection to prevent damage to District property during equipment operation.

9. Is surface mount conduit only?

No.

10. What is the district's preference, conduit or adhesive backed mini trunking?

Adhesive-backed mini trunking is acceptable, provided it is also secured with screws and appropriate wall anchors at both ends and at regular intervals (at least every 24 inches) along the middle of each run. Adhesive alone will not be accepted.

11. Will this be a multi-award contract?

This will not be a multi-award contract.

12. Section 5.14 calls for six 12-strand single-mode runs but doesn't specify the cable type. At the site walk, armored cable was mentioned. Please give the required spec: OS2; interlocking armored or not; indoor, indoor/outdoor or outside plant; and plenum, riser or LSZH rating?

We are requesting OS2 (9/125 µm) single-mode fiber (12-strand OS2 single-mode, indoor/outdoor rated, interlocking armored fiber). See the complete specification in section 5.14 of the **REVISED** Attachment I, Scope of Work below.

13. Can you please provide a site plan with the conduit sizes and locations and the pull box sizes and locations?

Please see the map titled "Los Lunas Middle School Network Pull Boxes and Closets" included below with the revised Scope of Work.

14. Has the District or its E-rate consultant decided which scope items are E-rate eligible? If so, please share that list so all offerors classify items the same way.

The Eligible Services List is publicly available at the following link:
https://www.usac.org/e-rate/applicant-process/before-you-begin/eligible-services-list/

Vendors are expected to detail what items are or are not considered E-Rate eligible.

15. Are the vendors expected to utilize existing pathways, J-hooks, sleeves, conduits, cable trays, and interdict where available, or should new pathways be included in pricing?

Yes, vendors are expected to utilize all existing cabling infrastructure listed above.

16. The project scope includes work in the gymnasium requiring elevated access for wireless access points, intercom drops, and cabling. Please confirm whether vendors are required to provide plywood or other floor protection materials for aerial lift operations on the gym floor, or if the District will provide approved floor protection. Additionally, please identify any restrictions on lift types, wheel types, axle loads or other gym floor protection requirements.

    Floor protection will be the Vendor's responsibility. Ram Board must be placed directly on the gymnasium floor surface, with plywood installed on top of the Ram Board to protect the floor during aerial lift operations. Access to the gymnasium with the lift must be through the southeast doors. Due to the limited access and tight working conditions in this area, a scissor lift is recommended. The lift must be able to clear the 80-inch door height to enter the gymnasium. The Vendor is responsible for providing the lift and all required floor protection.

17. For the six new 12-strand single-mode fiber backbone runs, are existing underground conduits/pathways available and verified as usable, or should vendors include conduit remediation and pathway restoration allowances?

    The pathways are presumed, but not verified, as usable. Allowances should be included as necessary.

18. Can the District provide approximate fiber pathway distances from the MDF to IDFS 2 through 7?

    Approximate, non-binding pathway distances from the MDF to each IDF are provided below for preliminary estimating purposes only:

    - IDF 2: ~210 ft
    - IDF 3: ~590 ft
    - IDF 4: ~590 ft
    - IDF 5: ~730 ft
    - IDF 6: ~815 ft
    - IDF 7: ~765 ft

19. Please confirm the total number of classrooms requiring USB-C extension systems and whether these units are E-Rate eligible or should be included as ineligible costs.

    41 classrooms require USB-C extension systems. Refer to Los Lunas Middle School USB-C endpoints Map for reference. Please see answer to #14 regarding E-Rate eligibility.

20. Will the campus be completely vacated during Summer 2027, or should vendors anticipate coordination with summer school, maintenance, athletics, or other occupant activities?

    We will have administration, custodians and maintenance on campus. We will schedule District maintenance and custodial work in areas as the vendors complete the installation.

21. Are there any restrictions on working hours, weekends, holidays, or after-hours access?

    The District will coordinate with the awarded vendor to allow access after normal business hours.

22. Will schedule extensions be granted for District-caused delays, unforeseen site conditions, force majeure events, delayed site access, or material lead-time issues?

This will be reviewed on a case-by-case basis. Teachers must have access to their classrooms before the end of July 2027, to prepare for the first day of school.

23. The form 470 lists 9 Wireless access points and licenses. The RFP document says "The District will provide the new WAPs to the contractor at the start of the project." Do 9 new WAPs need to be procured for this project? What is the current license model the district uses? Are the Cisco WAPs in Meraki mode or are they being managed by a Cisco WLC?

-What is the preferred term length for the wireless licenses?
-Does the District prefer wireless essentials or wireless advantage licenses on the WAPs?
-If the WAPs are in Meraki mode is the district on Co-term license model or subscription? What is the required term length?
-Does the district require Cisco a specific version of Cisco SmartNet? What is the required SmartNet contract length?
-What is the required DNA licenses term length?

Not Applicable. All WAPs, including associated hardware, licensing, and subscriptions, will be procured and provided directly by the District.

II. Attachment I. Scope of Work

Now Reads:
(See Complete Scope of Work beginning on next page)

REVISED Attachment I

Scope of Work

1. Project Overview

Los Lunas Schools (the "District") is seeking proposals from qualified structured cabling contractors to refresh and upgrade the network cabling infrastructure at Los Lunas Middle School. This facility was last cabled in 2007 and represents one of the oldest cabling plants in the District. The purpose of this project is to replace the existing infrastructure according to updated technology standards and provide a solid foundation for school technologies for the future.

The selected contractor shall provide all labor, materials, equipment, supervision, permits, and incidentals required to complete the work described in this Scope of Work.

2. Project Schedule

All work must be performed on a tight, over-the-summer schedule during the summer of 2027:

- Work shall begin on June 1, 2027
- All work must be complete by July 23, 2027.
- Liquidated damages will occur at $1000/day if project is not completed ~~before school begins~~ by July 23, 2027.

Buildings must be fully operational for staff return and the start of the school year.

***Please note: An approved purchase order from LLS Procurement is required before any services are provided. Awarded Contractor shall not provide services until a purchase order is obtained from LLS Procurement. Unauthorized services may not be paid by LLS.**

3. General Requirements

3.1 Codes, Standards, and Workmanship

- All work shall comply with the current versions of ANSI/TIA-568 (including ANSI/TIA-568.2-D for balanced twisted-pair), ANSI/TIA-569, ANSI/TIA-606 (administration/labeling), ANSI/TIA-607 (bonding and grounding), the National Electrical Code (NEC), and all applicable state and local codes.
- All Category 6A horizontal cabling and patch cords shall be from a single manufacturer's certified end-to-end system to support the manufacturer warranty. All cable must be point to point, no splices or junctions.
- All copper cable installed in air-handling (plenum) spaces shall be plenum rated CMP (Communications Multipurpose Cable Plenum). All other copper cable shall be riser rated CMR (Communications Multipurpose Cable Riser) at minimum.
- All optical fiber cable shall be plenum rated OFCP (Optical Fiber Conductive Plenum) in air-handling (plenum) spaces and riser rated OFCR (Optical Fiber Conductive Riser) at minimum in all other indoor spaces. Metallic armor shall be bonded and grounded per the NEC and ANSI/TIA-607.
- All penetrations of fire-rated walls, floors, and ceilings shall be fire stopped with UL-listed (Underwriters Laboratories) firestop systems appropriate to the penetration.
- The contractor shall be appropriately licensed to perform low-voltage cabling work in the State of New Mexico and shall employ BICSI-certified (Building Industry Consulting Service International) or manufacturer-certified installers.

- All employees working on site shall comply with District background checks and site access requirements for work on school campuses.

3.2 Installation

- Equipment that requires professional installation shall be installed in accordance with the manufacturer's instructions and shall be accomplished by skilled and properly licensed and/or certified individuals. The contractor, in consultation with the District, will develop a schedule that clearly indicates construction milestones, time periods and deadlines. The contractor must be willing to coordinate its activities with those of other trades working on the same project. The standard of quality and performance indicated in the specifications and scope of work shall be understood as the minimum requirements only. Unless otherwise indicated in the specifications or drawings, all work shall be done in accordance with the specifications and recommendations of the manufacturer of the product to be installed. Where applicable, all work shall be accomplished in a manner so as to match adjacent existing work in the same area or on the same elevations. Under no circumstances will the contractor make adjustments to or alter in any manner the District's existing facilities without prior approval from the District's authorized representative.

3.3 Testing and Certification

- Every copper drop shall be tested and certified to Category 6A channel/permanent link requirements with a calibrated Level IIIe (or better) field tester. Test results for every drop shall be provided electronically to the District.
- All fiber strands shall be tested bi-directionally with an OLTS, and OTDR traces shall be provided for each strand. Test results shall be provided electronically to the District.
- Any drop or strand that fails certification shall be repaired or replaced and re-tested at no additional cost to the District.

3.4 Warranty and Documentation

- Provide a manufacturer-backed system lifetime warranty on the installed cabling system, plus a minimum 1-year contractor workmanship warranty.
- Provide as-built documentation at project close-out, including floor plans showing drop locations and labels, patch panel schedules for each DF/IDF (Distribution Facility/Intermediate Distribution Facility), fiber run documentation, and all test results.

3.5 Site Conditions and Cleanup

- The contractor shall protect all existing finishes, furniture, equipment, and gymnasium floor.
- All demolition debris, including removed cable, old surface mount raceway, and removed equipment, shall be disposed of off-site by the contractor unless the District requests specific items be retained. The District has requested specific items be retained that are listed throughout the SOW **in bold letters**.
- The District will coordinate building access.
- Contractor shall clean up and remove all debris and rubbish resulting from his work as required or directed by District. Upon completion of the work, the premises shall be left in good repair and an orderly, neat, clean and unobstructed condition. No vendor shall begin a project for which the site is not prepared by the District, unless the vendor decides to do the preparation work at no cost. Site preparation includes things like moving furniture, installing wiring for power, and similar pre-installation requirements. Contractors

shall take all necessary precautions for the safety of employees on the worksite, and shall erect and properly maintain at all times, as required by job conditions and progress of the work, all necessary safeguards for the protection of workers and the public. They shall post danger warning signs against the hazards created by their operation and work in progress. Proper precautions shall be taken pursuant to state law and standard construction practices in order to protect workers, the general public, and existing structures from injury or damage.

4. District Network Standards

4.1 Network Drop Standards Per Classroom

Nine (9) drops per classroom: (refer to Cat 2 map for locations)

- Two (2) at the teaching station, located on the side wall
- One (1) at the center of the teaching wall for the IFP (interactive flat panel), at normal network drop height
- Two (2) on the side wall opposite the teaching station, at the center of the wall
- Two (2) at the back of the classroom, at the center of the wall
- One (1) at the ceiling WAP location, for the wireless access point
- One (1) in the center of the teaching wall in the ceiling, for a future intercom unit
- The vendor will be provided with a detailed map of the site showing all drop locations, which walls are cinder block, and which existing in-wall drops can be reused.
- Provide and install a USB-C Thunderbolt extension (Thunderbolt over Ethernet) from the teaching station to the IFP network drop location. Provide two (2) 3-meter USB-C Thunderbolt patch cords per classroom: one (1) at the IFP and one (1) at the teaching station. Refer to Cat 2 map for locations. Pro AV/IT Integrator Series™ HDBaseT 4K60Hz HDMI + USB-C Wall Plate Extender Kit with USB 2.0, Audio & PoC up to 230ft or equivalent.

4.2 Network Drop Standards Per Office and Other Areas

For each office or other area designated on the provided maps (lounge, conference room, etc.): two (2) drops in two (2) locations.

4.3 Racks, Cable Management, and LIUs (Light Interface Unit)

- Horizontal cable management trays shall be installed under each patch panel and under each switch when the switches are reinstalled.
- Vertical cable management trays shall be installed on the left side, right side, and between any racks.
- LIUs (fiber enclosures) shall be new, 19” rack mount units installed at the top of each rack as needed for fiber, with LC connectors/receptacles. Leave at least 1U of free space under the LIU for clearance so any doors can open fully, if needed. Appropriately sized LIUs shall also be installed in wall-mounted cabinets as needed for fiber.

4.4 Horizontal Cabling and Patch Cords

- All patch cords shall be provided by the vendor, in lengths appropriate to each connection.
- All horizontal cabling shall be blue Category 6A.
- The ceiling drop for any wireless access point shall be terminated within 10 feet of the WAP’s location and connected with a new CAT6A 10 ft yellow patch cord. Where this patch cord is located in plenum (air-handling) ceiling space, it shall be plenum rated CMP (Communications Multipurpose Cable Plenum).

Patch cords in the DFs – provide and install in the network closets:

- 5–7 ft Blue CAT6A non-booted patch cables for all data drops
- 5–7 ft Green CAT6A non-booted patch cables for all IFP drops
- 5–7 ft White CAT6A non-booted patch cables for all intercom drops
- 5–7 ft Yellow CAT6A non-booted patch cables for all WAP drops
- 5-7 ft Red CAT6A non-booted patch cables for all security cameras
- 5-7 ft Gray CAT6A non-booted patch cables for all access control drops
- 5-7 ft Purple CAT6A non-booted patch cables for all vape detector drops

4.5 Patch Panel Keystone Color Coding

Keystones in the patch panels shall be color coded and separated (grouped) by color/use:

- Blue – data drops
- Green – IFP drops
- White – intercom drops
- Yellow – WAP drops
- Red - Security camera drops
- Gray - access control drops
- Purple - vape detector drops

4.6 Drop Locations, Removal, and Labeling

- Reuse existing in-wall drop locations where specified on the map. If there are extra in-wall boxes that will no longer be needed, cover them with a white, plastic, blank cover.
- Remove all old surface mount cabling and install new cabling per the standard room requirements.
- Label all drops at the endpoint locations using the District standard for labeling: **DF# – patch panel – patch panel drop number** (example: 1.0-1-01 = DF 1.0, patch panel 1, drop 01).

5. Site-Specific Scope – Los Lunas Middle School

All District Network Standards in Section 4 apply. Unless noted otherwise, each DF/IDF below shall receive cable management and enough patch panels for the number of drops required, per Section 4.3. Drop-by-drop locations for all rooms are shown on the supplemental maps from the District, as noted below. The following site-specific work is required.

All switches shall be removed and stored safely until they are ready to be reinstalled. Where switches are stacked, they shall be labeled from top to bottom (1 through the total number of switches) before removal, and reinstalled in the rack in the same order, with a horizontal cable management tray installed under each switch.

5.1 MDF-School Office Building

- The MDF is located in the school’s office area; refer to the Cat 2 site map for its exact location.
- The District renewed the MDF in the spring of 2026 with new racks and patch panels. The existing racks, patch panels, and keystones at this location shall be reused; no new racks or patch panels are required here.
- Because the keystones installed during the 2026 renewal are white (not color-coded), use color-coded labels in place of colored keystones at this location. If additional keystones are required, use the colors specified in Section 4.5.

- Provide, install, and utilize cable management panels per Section ~~5.3~~4.3.
- The building's network distribution is being reorganized, using the main entry hallway as a dividing line: areas west of the main hallway shall be cabled back to the MDF; areas east of the main hallway shall be cabled back to IDF 2 (Section 5.2).

5.2 IDF 2-100 Building

- The current IDF 2 is located in Room 110, in a wall-mounted Holocomm cabinet. This cabinet, along with all its contents, shall be removed. **This switch is new and shall be returned to LLS Technology immediately upon removal.**
- A new IDF 2 shall be created at the location shown on the map, in the main office area. This location is accessed from the exterior, off the football field.
- A new, 2-post 19" rack, at least six (6) feet tall, with holes drilled and tapped (not inserts), shall be installed in the new location with appropriate clearance from the walls.
- A new LIU shall be installed per Section ~~5.3~~ 4.3.
- Any drops east of the main hallway shall be cabled back to IDF 2.
- There is equipment in the old IDF 7 closet that will need network once the existing switch has been removed, plus, any drops in the area that are cabled to old IDF 7 will need to go to the new IDF 2 closet.
- Please install a new patch panel in the old IDF 7 closet with 10 drops in it. These drops will be jumpers from the new IDF 2 to provide networking back to the old IDF 7 closet for the various equipment that is staying in it.
- Provide and install five (5) horizontal cable management trays and two (2) full-length vertical cable management trays for the left and right sides of the rack.

5.3 IDF 3-200 Building

- IDF 3 is located in Room 200, in an enclosed cabinet that shall be reused.

5.4 IDF 4-400 Building

- IDF 4 is located in the 400 building, south of the library. The existing 2-post rack shall be reused.

5.5 IDF 5-300 Building

- IDF 5 is located in Room 300, in a wall-mounted Holocomm cabinet. The existing cabinet shall be reused.

5.6 IDF 6-Gymnasium

- IDF 6 is located in a wall-mounted cabinet in the girls' coach's office; the existing cabinet shall be reused. The contractor shall take care not to damage the audio system equipment that shares this cabinet.

5.7 Former IDF 7 (Decommissioning)

- The former IDF 7 is currently located in the school's office area, next to the new IDF 2 location. The networking equipment in this closet shall be removed and reinstalled in the new IDF 2 closet; **the switch shall be returned to LLS Technology.**

5.8 IDF 8, 9, and 10 (Decommissioning)

- The IDFs in Rooms 405, 406, and 408 shall be removed; **the cabinets and switches shall be returned to the district.**
- All cabling to these cabinets shall be removed.

5.9 New IDF 7 – Computer Lab, Room 404

- This new IDF, serving the Lab 404 computer lab, shall be designated IDF 7, reusing the number vacated by the decommissioned closet described in Section ~~6.7~~ 5.7. All drops in this room shall be labeled accordingly as IDF 7.
- The existing Holocomm (wall-mounted) cabinet serving Lab 404 shall remain in place as this room's IDF. Replace the patch panel in the cabinet and install a new LIU, as fiber will be run from the MDF to this cabinet.
- Run all drops in Lab 404 back to the IDF 7 cabinet, except the WAP drop, which shall be cabled from IDF 4 and labeled per District standards.
- There are eight (8) power poles in the lab, with four (4) drops in each to be re-cabled, plus additional drops per the map.
- Map Error: The eight (8) power poles in Lab 404 were left off the Data Network Map. All eight (8) power poles and their drops are included in this scope of work.

5.10 Demolition and Patch Panel Replacement

- Remove all old patch panels and return them to the district. Provide and install all patch panels required to accommodate the new cabling.

5.11 Horizontal Cabling – Classrooms, Offices, and WAPs

- Provide and re-cable (CAT6A) every classroom per the Network Drop Standards Per Classroom (Section 4.1), per the provided map.
- Re-cable all WAP locations per Section 4.4 and the WAP Replacement Program in Section 5.13.
- Re-cable offices and other areas per Section ~~5.2~~ 4.2.
- All horizontal cabling shall be blue CAT6A; DF patch cords and keystone color coding shall follow Sections 4.4 and 4.5.
- Re-use current network drop locations specified on the included map, and add additional locations as needed per the scope of work requirements and the map.

5.12 Horizontal Cabling – Building- and Room-Specific Requirements

Main Office Area (east of the entry doors)

- Refer to the Cat 2 site map for exact locations.
- The WAP in the teacher lounge needs to be mounted to the ceiling in the center of the room. The District will provide the mounting hardware.

200 Building

- Lab ~~201~~ 200: reuse the existing cabinet; replace the patch panels and keystones. Wall and power-pole drops, and one (1) WAP, per the locations shown on the map.
- Lab ~~202~~ 201: power poles to be removed; one (1) WAP. Locations per the map.
- Two (2) small office/work areas: two (2) drops in one (1) location per office (four (4) drops total).

300 Building

- Cafeteria: sixteen (16) wall drops (two (2) each at eight (8) locations above the tables); reuse these existing locations with new materials. One (1) WAP; two (2) cameras.
- Kitchen: two (2) drops in two (2) locations, by the windows to the cafeteria.
- Kitchen office: two (2) drops.

- ~~Room 301 has one WAP, room 302 has 2 WAPs. We will add an additional WAP to room 301. Provide horizontal wall mounts for 4 WAPs that a Cisco 9164 WAP can be mounted to. Mount the WAPs 12ft up the wall where indicated on the map. The district will provide the 4th WAP for room 301 with mount.~~ Room 301 currently has one (1) WAP and Room 302 has two (2) WAPs. One (1) additional WAP will be added to Room 301, for a total of four (4) WAPs in these two rooms. All four (4) WAPs shall be mounted on the ceiling at the locations shown on the map. The District will provide the additional WAP for Room 301 with its mount, as well as a mount for the WAP in Room 302 that is not already on the ceiling.

Gym Building

- Gym: two (2) wall drops in two (2) locations at each end of the gym (eight (8) total).
- The intercom drops should be placed on the east and west walls in the locations indicated on the map at a height of ten (10) feet above the floor.
- Two (2) coaches' offices: two (2) wall drops and one (1) WAP in each.
- Head coach's office (gym lobby hallway): four (4) wall drops; add a ceiling drop for the WAP and mount the WAP with District provided mount.
- Install 2 drops in the gym ceiling at locations shown on the map. Install 2 District provided mounts and WAPs.
- Concession/ticket counter at the front doors: replace two (2) wall drops under the counter.
- Weight room: replace the two (2) existing drops.

400 Building

- Lab 404: see Section ~~6.9~~ 5.9 (IDF 7).

Library

- Circulation desk: six (6) drops.
- Library office: two (2) drops in two (2) locations.
- One (1) drop at the computer lab door for the IFP; one (1) WAP; four (4) drops on the wall to the right of the main entrance.
- Library computer lab: one (1) WAP; see map for additional details.
- Workroom off the library: three (3) locations of two (2) drops each (six (6) total).

500 Building

- Office area: refer to the site map for exact locations. One (1) WAP in the office across from the MDF, A111 or A112 that should be moved to A110 and mounted in the ceiling with district supplied mounting hardware.
- Staff lounge: replace two (2) drops in two (2) locations; mount the WAP at the center of the ceiling.
- Nurse's office: replace ten (10) existing drops throughout the area (see map).

Exterior

- One (1) exterior WAP facing the interior courtyard shall be retained, not replaced; replace its patch cord and the horizontal cable back to the patch panel only.

5.13 Wireless Access Point (WAP) Replacement Program

- The District has already replaced most wireless access points (WAPs) throughout the school, except for units mounted in locations too high to reach without specialized equipment. The contractor shall replace these remaining WAPs while re-cabling the associated locations. The District will provide the new WAPs to the contractor at the start of the project.

- For each of these WAP locations, provide one (1) ceiling drop terminated within 10 feet of the existing WAP location.
- Provide and install new 10 ft CAT6A non-booted yellow patch cables to all of these WAPs.
- Provide the District with an inventory of all new WAPs installed, including the LLS tag number, serial number, the last four characters of the MAC address, and the room number where each WAP was installed.
- **Return the old WAPs to LLS Technology.**

5.14 Fiber Backbone

- Provide and install new OS2 (9/125 µm) single-mode fiber runs from the MDF to DF 2.0 through DF 7.0. A total of six (6) new fiber home runs (12-strand ~~single-mode fiber~~ OS2 single-mode, indoor/outdoor rated, interlocking armored fiber).
- Fiber cable shall have interlocking metal armor under the outer jacket for rodent protection and shall be water-blocked and suitable for underground conduit. Direct-burial cable is not required. Each home run shall be one continuous cable with no splices, per Section 3.1. The Contractor shall verify that the proposed cable fits the underground conduit before installation.
- Remove old fiber.
- Provide 12 new Cisco SFP-10/25G-LR-S, or equivalent, 25Gbps single mode ~~SFP's~~ SFPs (SFP28 form factor, 25GBASE-LR, LC duplex, 1310 nm, 10 km reach, compatible with the District's switches) for the data network and ~~12~~ 10 for the security network.
- Remove old LIUs and replace with new (except the one in the MDF, it is brand new) vendor-provided LIUs at each IDF end point with LC/UPC receptacles, including the LIU for IDF 7 in Lab 404 noted in Section ~~6.9~~ 5.9. Terminate new fiber and label per District standards.
- Provide and install new OS2 single-mode duplex fiber patch cables terminated with LC/UPC connectors on both ends, one (1) for each SFP (22 total), in lengths appropriate to each connection.

5.15 Copper Demolition

- Remove ALL existing network cable.

5.16 Security Camera, Access Control, vape detectors, and intercom Drops

- This includes all drops for security cameras, access control, vape detectors, and intercom. These drops shall be terminated in the ceiling in a biscuit jack with the correct color keystone per Section ~~5.5~~ 4.5 and connected using new vendor supplied patch cords as specified in Section ~~5.4~~ 4.4. We want an additional patch panel in the IDFs 5U up from the bottom, with a horizontal cable management unit above it and then a district provided security switch will go above that for these security network drops. Refer to the site map for locations. IDF 7 will not include any of these drops. All drops in the 400 building will be run to IDF 4. All other of these drops are to be run to the IDF in that building just like the data drops.
- Cameras, access control, and vape detectors = 33 drops
- Intercoms = 66 drops

6. Project Deliverables Summary

The contractor shall provide a written weekly status update to the District project manager at the beginning of each week, covering the prior week's accomplishments, progress against the project schedule, and any issues requiring District attention

At a minimum, the following shall be delivered at project close-out:

1. All new CAT6A horizontal cabling, patch panels, cable management, racks, LIUs, and fiber installed, terminated, labeled, and tested per this Scope of Work.
2. Copper and fiber certification test results for every drop and strand, delivered electronically.
3. As-built floor plans showing all drop locations with labels, and patch panel schedules for each DF/IDF.
4. Manufacturer system warranty certificate and contractor workmanship warranty.
5. Removal and disposal of all old copper cabling, old fiber, old surface mount raceway, and demolished equipment. The District reserves the right to retain any recovered materials.

7. Miscellaneous

a. Contractor may be requested to advise and assist various departments with process and compliance issues, regulations, and standards, review of contracts, and the like. Contractor may be asked to inform LLS of any changes to any Federal or State laws, regulations, or standards that are deemed appropriate for the project.

b. Contractor will not be compensated for any volunteer activities associated with LLS and are prohibited from accepting supervisory duties associated with LLS activities.

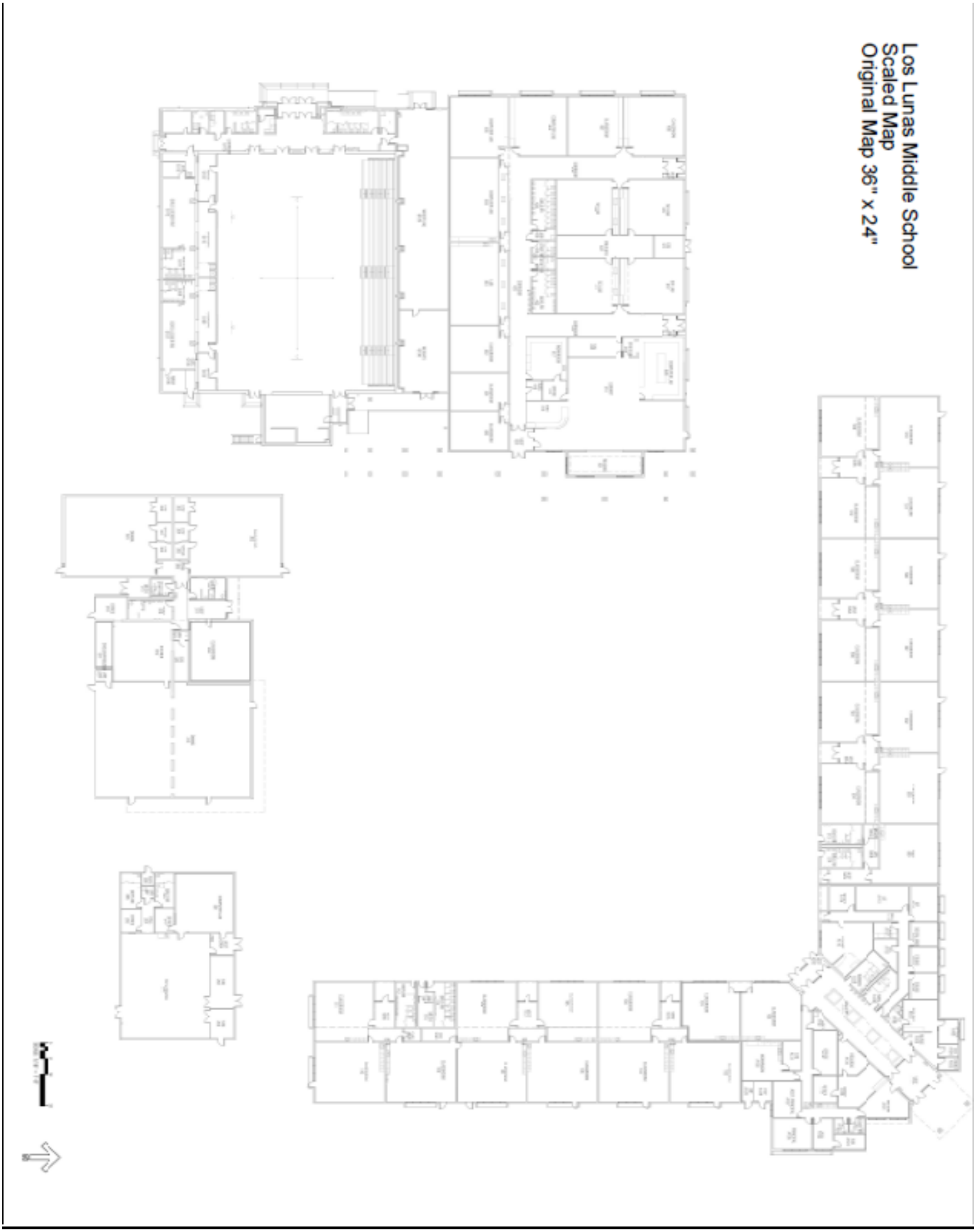
c. Invoices may be submitted every two (2) weeks as per Appendix B.2 Compensation.


Los Lunas Middle School
Data network map
Solomon Luna Building
Gym
Wrestling Room
Weight Room
Library
Planter
Amphitheater
Tiger Diner
Kitchen
3 Power poles to be removed
Power Poles to be reused 9 total
OLD IDF 2 to be removed
New IDF 2
Old IDF 7
Network Drops
New Drop Location (2 drops)
Reuse Drop Location (2 drops)
NEW Drop Location (1 drop)
Existing Drops To Remove
Cinderblock Walls
Wireless Access Points

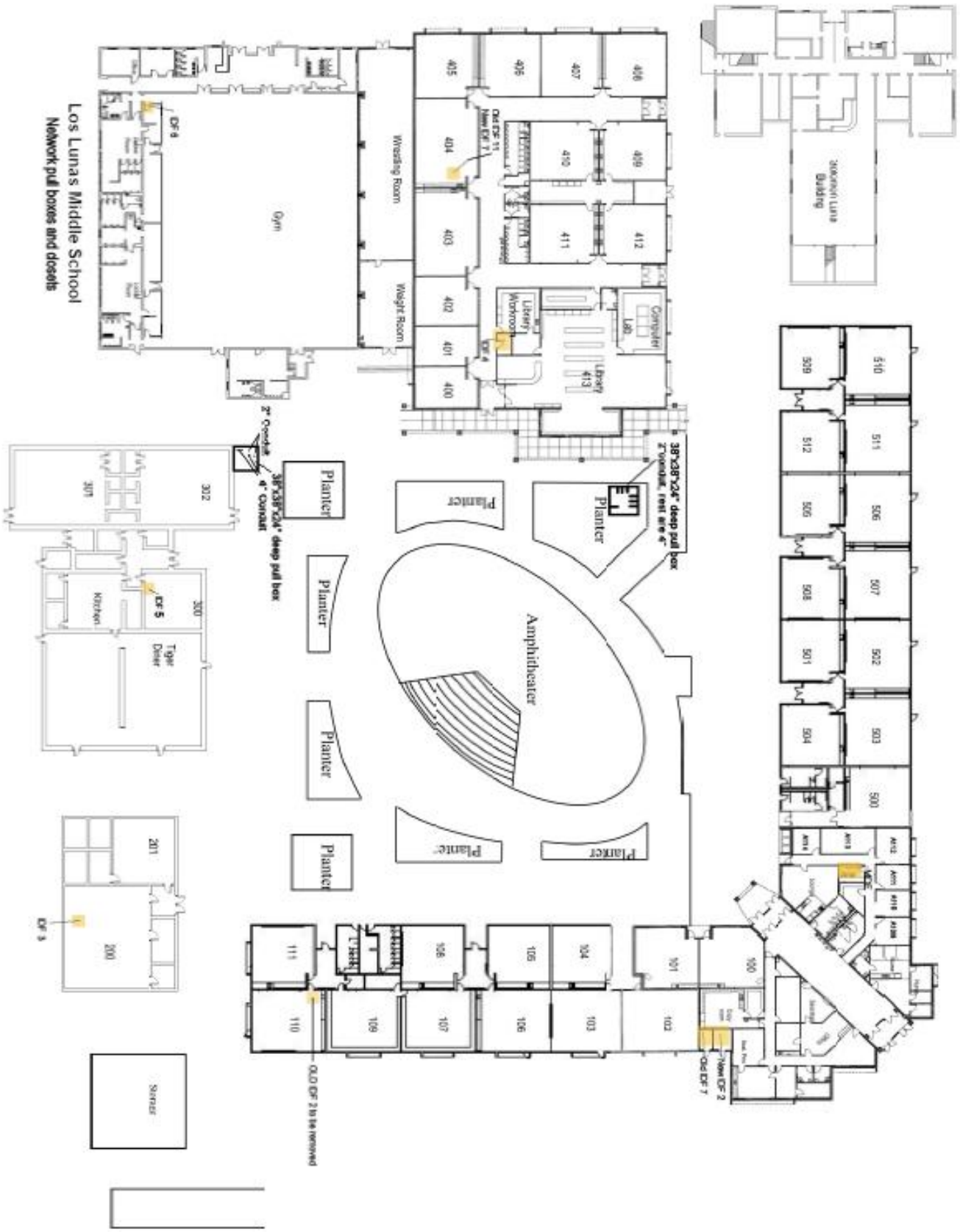
REVISED-SPECIAL SYSTEMS MAP




Los Lunas Middle School
USB-C endpoints map
Solomon Luna Building
Gym
Wrestling Room
Weight Room
Library 413
Library Workroom
Computer Lab
Amphitheater
Planter
Kitchen
Tiger Diner
Storage
USB-C Endpoints


Los Lunas Middle School
Scaled Map
Original Map 36" x 24"

New Map-Network Pull Boxes and Closets



ACKNOWLEDGEMENT OF AMENDMENT NO. 1

2027 E-RATE CATEGORY 2 AND SECURITY CABLING INFRASTRUCTURE SERVICES

Los Lunas Schools RFP 2027-003-HR

In acknowledgment of receipt of this Request for Proposal (RFP) the undersigned agrees that he/she has received a complete copy of the RFP and Amendment No.1 dated 11/13/26.

This Acknowledgment of Amendment should be signed and returned with your proposal on or before December 3, 2026, 2:00 PM Mountain Time

FIRM: _____

REPRESENTED BY: _____ TITLE:_____

E-MAIL ADDRESS: _____

PHONE NO.:_____ FAX NO.:_____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

SIGNATURE: _____ DATE: _____

Please return to:

Heather Rindels
Los Lunas Schools Buyer
hrindels@llschools.net
Los Lunas, NM 87031
Phone: (505) 866-8259
Fax: (505) 866-8262