



NURSERY ELEMENTARY SCHOOL

P.O. Box 69

Nursery, Texas 77976

(361)575-6882

FAX: (361)576-9212

Dr. Larry Gajewsky
Superintendent

Jennifer Southern
Principal

REQUEST FOR PROPOSAL (RFP)

Network Infrastructure Upgrade - Wireless Access Points, Switching, Power Protection, and Cabling

Issuing Entity: Nursery Independent School District

RFP Issue Date: February 26, 2026 **Proposal Due Date:** March 26, 2026

Submission Method: Email

Contact Person: Dr. Larry Gajewsky, Superintendent

Contact Email: rfp@nurseryisd.org

Contact Phone: 361-575-6882

1. INTRODUCTION AND PURPOSE

Nursery Independent School District ("Nursery ISD" or "the District") is soliciting proposals from qualified vendors for the purchase, delivery, and installation of network infrastructure equipment including wireless access points, managed network switches, uninterruptible power supplies (UPS), wall-mount switch enclosures, and associated cabling. This project is intended to replace aging network equipment and improve wireless coverage, reliability, and manageability across the District's campus.

All equipment specified in this RFP is based on the Ubiquiti UniFi platform.

The District's existing network management infrastructure is built on the UniFi ecosystem, and all proposed equipment must be compatible with and adopted into the District's existing UniFi management controller.

2. SCOPE OF WORK

The selected vendor shall provide all equipment, materials, and labor necessary to complete the following:

2.1 — Cafe Area Switches

- **Qty 2** — Ubiquiti UniFi Pro Max PoE 48-Port Managed Network Switch with SFP+
- Remove and dispose of existing switches
- Install new switches in the existing rack (swap and replace)
- Coordinate with the District's remote IT team to adopt switches into the existing UniFi management controller

2.2 — Library Switches

- **Qty 2** — Ubiquiti UniFi Pro Max PoE 48-Port Managed Network Switch with SFP+
- Remove and dispose of existing switches
- Install new switches in the existing rack (swap and replace)
- Mount existing CyberPower UPS unit on the rack with the two new switches (a sufficient CyberPower unit already exists on-site)
- Remove and dispose of old CyberPower unit and two old switches (there is one new one and one old one currently onsite)
- Coordinate with the District's remote IT team to adopt switches into the existing UniFi management controller

2.3 — Library Computer Lab Area

- **Qty 1** — Ubiquiti Pro Max 16 PoE 16-Port 2.5G/1G Managed Network Switch
- Install a new wall-mount switch enclosure (minimum **6U to 8U** capacity, enclosed with keyed lock), mounted on the wall in the Library Computer Lab area
- Install switch inside the new enclosure
- **Qty 1** — CyberPower CP1500PFCRM2U with RMCARD205 network management card — install in or adjacent to the new enclosure
- Re-run **3 CAT6 cable runs** from existing infrastructure to terminate at the wall near/into the new enclosure. Cables shall be neatly dressed, labeled, and terminated to patch panel or keystone jacks as appropriate
- Coordinate with the District's remote IT team to adopt switch into the existing UniFi management controller

2.4 — Gym Area

- **Qty 1** — Ubiquiti Pro Max 16 PoE 16-Port 2.5G/1G Managed Network Switch
- Install a new wall-mount switch enclosure (minimum **6U to 8U** capacity, enclosed with keyed lock), mounted on the wall in the Gym area
- Install switch inside the new enclosure

- **Qty 1** — CyberPower CP1500PFCRM2U with RMCARD205 network management card — install in the new enclosure
- Coordinate with the District's remote IT team to adopt switch into the existing UniFi management controller

2.5 — Server Room / MDF Area

- **Qty 1** — Ubiquiti UniFi Pro Max PoE 48-Port Managed Network Switch with SFP+ — install in existing server rack
- Remove and dispose of **2 existing bottom-mounted UPS units**
- **Qty 1** — CyberPower OL2200RTXL2U Online UPS (2200VA/1800W, true online double-conversion, 2U rack-mount) — install in existing server rack
- **Qty 1** — CyberPower BP72V60ART2U Extended Battery Pack (2U rack-mount) — install in existing server rack, connected to OL2200RTXL2U
- **Qty 1** — CyberPower RMCARD205 Network Management Card — install in OL2200RTXL2U UPS
- Coordinate with the District's remote IT team to adopt switch into the existing UniFi management controller

2.6 — Playground Area Storage Building (Outdoor/Harsh Environment Enclosure)

This location houses network equipment serving outdoor access points and is an **unconditioned storage building** subject to extreme heat and temperature fluctuations. The vendor shall provide and install:

- **Qty 1** — NEMA 4 or NEMA 4X rated wall-mount network enclosure, **4U to 6U** capacity, with the following requirements:
 - Thermostat-controlled exhaust fan(s) with filtered intake to provide active cooling
 - Dust-filtered ventilation rated for high-heat environments (ambient temperatures up to 120°F / 49°C)
 - Lockable front door with keyed access
 - Adequate cable entry points (top and bottom glands or knockouts)
 - Enclosure must be suitable for mounting inside an unconditioned building in a South Texas climate
- **Qty 1** — CyberPower CP1500PFCRM2U with RMCARD205 network management card or equivalent to fit in the enclosure — install inside the NEMA-rated enclosure
- **Qty 1** — Ubiquiti 8-Port PoE Managed Network Switch — install inside the NEMA-rated enclosure to provide PoE connectivity for outdoor access points and any additional devices at this location
- Mount enclosure securely to wall studs or structural members inside the storage building

- Provide and connect appropriate power (verify adequate electrical service exists at the building; if not, note in proposal)
- Verify ventilation and cooling is operational and sufficient post-installation
- Coordinate with the District's remote IT team to adopt switch into the existing UniFi management controller

Note to Vendors: This location experiences sustained high temperatures during summer months. Proposals must clearly describe the thermal management strategy for this enclosure, including fan CFM ratings, thermostat set points, and any additional cooling measures proposed. The District will evaluate thermal management quality as part of the proposal review.

2.7 — Wireless Access Points (Indoor)

- **Qty 38** — Ubiquiti U7 Pro Max Access Points
- Remove all existing indoor access points (mix of AC Lite, AC Pro, U6 LR, and U6 Lite models)
- Install 35 new U7 Pro Max access points in existing mounting locations using existing cable drops
- Install **3 additional U7 Pro Max access points in the main hallway** at locations designated by the District, evenly spaced for optimal coverage — these are new AP positions (see Section 2.9 for associated cabling)
- The District's remote IT team will handle adoption of access points into the UniFi controller — the installation team is only responsible for physical placement, mounting, and cabling

2.8 — Wireless Access Points (Outdoor)

- **Qty 4** — Ubiquiti U7 Pro Outdoor Access Points
- Remove all existing outdoor access points
- Install new U7 Pro Outdoor access points at designated exterior locations
- For **2 of the 4 outdoor AP locations** (front of building and back of building), run **1 new outdoor-rated CAT6 cable run per location (2 total runs)**. Cable shall be outdoor-rated/UV-resistant and installed in weatherproof conduit. Runs shall extend from the nearest appropriate switch location to each outdoor AP mounting point. All cables shall be properly terminated, tested, and labeled
 - Cable run – Server closet to front of building outdoor AP 200'
 - Cable run – Café closet to back outdoor AP 300'
- The remaining 2 outdoor APs will utilize existing cable infrastructure

- The District's remote IT team will handle adoption of access points into the UniFi controller — the installation team is only responsible for physical placement, mounting, and cabling

2.9 — Main Hallway Cabling (New AP Locations)

- Run **3 new CAT6 cable runs** in the main hallway to support the 3 additional U7 Pro Max access points specified in Section 2.7
- Cable run - café closet to hallway AP 1, approximately 150'
- Cable run - café closet to hallway AP 2, approximately 200'
- Cable run - server closet to hallway AP 3, approximately 100'
- Cable runs shall originate from either the Cafe Area switch closet or the Server Room / MDF, whichever provides the most efficient and clean routing path — vendor shall assess and recommend during site visit or installation planning
- Access points shall be evenly spaced down the hallway for uniform wireless coverage, with one positioned near the front of the building, one near the back, and one centered between them
- All cables shall be neatly dressed, run through existing ceiling space or conduit as appropriate, labeled at both ends, and terminated and tested with documented results

3. GENERAL REQUIREMENTS

3.1 — Vendor Qualifications

Responding vendors must demonstrate:

- Minimum **3 years** of experience in network infrastructure installation for K–12 educational environments
- Experience with Ubiquiti UniFi equipment installation and deployment
- Experience with NEMA-rated enclosure installation in unconditioned or harsh environments
- Ability to provide references from at least **2 similar projects** completed within the last 3 years
- All required state and local licenses, bonding, and insurance
- Willingness to coordinate with the District's remote IT management team for device adoption and configuration

3.2 — Installation Standards

- All cabling shall meet or exceed **TIA/EIA-568** standards
- All new cable runs shall be **CAT6** minimum

- All cables shall be neatly dressed, labeled at both ends, and tested with documented results provided to the District
- Outdoor cable runs shall use outdoor-rated/UV-resistant cable installed in weatherproof conduit
- All removed equipment shall be disposed of properly unless the District requests it be retained
- Work areas shall be left clean and free of debris upon completion
- Vendor shall minimize disruption to school operations; work may need to be performed after hours or on weekends as coordinated with the District

3.3 — Coordination with District IT

- The District utilizes a remote IT management team for UniFi controller & Network administration
- The selected vendor will be responsible for **physical installation only** — all device adoption, configuration, and network setup will be performed by the District's IT team
- The vendor must be available to coordinate timing of installations with the remote IT team to ensure smooth device adoption
- The vendor shall provide the District with MAC addresses and serial numbers for all installed equipment

3.4 — Warranty and Support

- All equipment shall include standard manufacturer warranties
- The vendor shall provide a minimum **1-year warranty on all labor and cabling installations**
- The vendor shall provide documentation of all work performed, including cable test results, equipment serial numbers, and as-built diagrams of any new cable runs or enclosure installations

4. EQUIPMENT SUMMARY

Item	Qty
Ubiquiti UniFi Pro Max PoE 48-Port Switch w/ SFP+	5
Ubiquiti UniFi Pro Max 16 PoE 16-Port 2.5G/1G Switch	2
Ubiquiti 8-Port PoE Managed Switch	1
Ubiquiti U7 Pro Max Access Point	38
Ubiquiti U7 Pro Outdoor Access Point	4
CyberPower OL2200RTXL2U Online UPS	1
CyberPower BP72V60ART2U Extended Battery Pack	1
CyberPower RMCARD205 Network Management Card	1

CyberPower CP1500PFCRM2U w/ RMCARD205	3
Wall-Mount Switch Enclosure (6U–8U, keyed lock)	2
NEMA 4/4X Enclosure (4U–6U, thermostat fans, filtered, keyed)	1
Outdoor-Rated CAT6 Cable Runs (to outdoor APs - APRX 500')	2
CAT6 Cable Re-runs (Library Computer Lab)	3
CAT6 Cable Runs (Main Hallway - new AP locations – APRX 450')	3

5. PROPOSAL SUBMISSION REQUIREMENTS

Each proposal must include the following:

1. **Cover Letter** — Signed by an authorized representative, confirming the vendor's intent to perform all work described in this RFP
2. **Company Profile** — Including years in business, number of employees, relevant certifications, and Ubiquiti/UniFi experience
3. **References** — Minimum 2 references from similar K–12 network infrastructure projects completed within the last 3 years, including contact name, phone number, and project description
4. **Itemized Pricing** — Broken out by:
 - Equipment costs (per unit and extended)
 - Cabling materials and labor (per run and extended)
 - Enclosure and UPS installation labor
 - NEMA enclosure and thermal management solution (with detailed specifications)
 - Access point and switch swap labor
 - Any other costs, fees, or charges
5. **Thermal Management Plan** — For the Playground Storage Building enclosure (Section 2.6), provide detailed specifications including enclosure model, NEMA rating, fan CFM, thermostat range, and operating temperature rating
6. **Hallway Cabling Recommendation** — Indicate whether the vendor recommends originating hallway cable runs from the Cafe Area switch closet or the Server Room / MDF, with justification
7. **Project Timeline** — Proposed schedule for completion from date of award, including any phasing or sequencing
8. **Proof of Insurance** — Certificate of general liability and workers' compensation insurance

9. Warranty Information — Details on labor warranty and confirmation of manufacturer equipment warranties

6. EVALUATION CRITERIA

Proposals will be evaluated based on the following criteria:

Criteria	Weight
Pricing / Total Cost	30%
Vendor Experience & Qualifications	25%
References & Past Performance	20%
Proposed Timeline	10%
Thermal Management Solution Quality	5%
Completeness of Proposal	10%

The District reserves the right to accept or reject any or all proposals, to waive any formalities or technicalities, and to award the contract in the best interest of the District. The lowest price proposal will not necessarily be selected.

7. TERMS AND CONDITIONS

- The District reserves the right to cancel this RFP at any time without obligation
- All proposals become the property of Nursery ISD upon submission
- The selected vendor must execute a contract with the District prior to commencing work
- Payment terms shall be Net 30 from invoice date, upon satisfactory completion of work or agreed-upon milestones
- The vendor shall comply with all applicable federal, state, and local laws and regulations
- The District is exempt from state sales tax — a tax-exempt certificate will be provided upon request

8. IMPORTANT DATES

Milestone	Date
RFP Issued	February 26, 2026
Questions Due	March 15, 2026
Answers Posted	March 20, 2026 or As soon as able.
Proposals Due	March 27, 2026
Anticipated Award	April

Anticipated Project
Completion

TBD, Before 8-1-2026

9. SITE VISIT

A pre-proposal site visit **is strongly recommended**, particularly for vendors to assess the Playground Storage Building conditions, outdoor AP cable run distances, and main hallway cabling routing options. Interested vendors may schedule a site visit by contacting Administration at 361-575-6882.

Nursery Independent School District is an equal opportunity employer and encourages all qualified vendors to submit proposals.

Must meet all the requirements for state and E-rate federal grants in order to be eligible for the contract.