

# REQUEST FOR PROPOSAL (RFP)

## Network Cabling Upgrade to Category 6A

### Kimberly School District #414

RFP Name: KSD\_NetworkCabling\_2026

Date Issued: March 2, 2026

#### Contact Information and communications requirements

Patricia (Patty) Dame, Technology Director

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Contractors shall contact the technology department whenever arriving on site, providing the following information:

- All contractor names onsite
- All projects they will be working that day
- Location of these projects
- Status of these projects

#### 1. Introduction & Background

Kimberly School District (the 'District') is soliciting sealed proposals from qualified contractors to provide materials, labor, installation, testing, documentation, and warranty services to upgrade the District's structured cabling to Category 6A (Cat6A) to support 10-Gigabit connectivity and future instructional and operational needs. Contractors may submit proposals for the entire project or for specific portions thereof.

#### 2. Project Overview

The District intends to upgrade structured cabling in nine (9) locations. The project includes the installation of approximately 1,103 new Cat6A horizontal cable runs with termination, labeling, certification, documentation, and a manufacturer-backed system warranty. Final counts and pathways will be confirmed during the mandatory site walkthrough.

##### 2.1 Facilities

- Kimberly High School
- Kimberly High School - Agricultural/Technology Building
- Kimberly Middle School

- Kimberly Elementary School
- Rise Charter School - IE
- Round Building (Rise classrooms, District Tech, District Offices, Program staff)
- Transportation/Maintenance Building
- L.A. Thomas Gym
- PK Center

### 3. Scope of Work

#### 3.1 General

Provide a turnkey solution including all materials, labor, tools, equipment, permits, and incidentals for a complete and operational structured cabling system. Restore any disturbed finishes to original condition and remove abandoned cabling unless directed otherwise.

#### 3.2 Horizontal Cabling (Cat6A)

- Install plenum-rated Cat6A 4-pair UTP horizontal cabling as home-runs from MDF/IDF to each outlet.
- Shielded 6A for Access Points
- Cat 6 for data
- Adhere to EIA/TIA 568B wiring standard; maintain jacket to 1 inch of termination; untwist no more than 0.5 inch.
- Route in existing pathways where feasible; install new conduit, tray, and J-hooks where needed.
- Support cables every 4-5 feet; do not lay on ceiling tiles; do not attach to ceiling grid or sprinkler.
- Maximum permanent link including service loops shall not exceed 295 feet.
- Provide 10-foot service loops at the outlet and as required in telecom rooms without violating bend radius.
- Use hook-and-loop (Velcro) straps; do not use nylon zip ties.
- Verified testing per run.

#### 3.3 Backbone & Fiber (as required)

- Provide 24-strand single-mode (9 micron) interlock-armored fiber between MDF and IDFs where directed.
- Terminate on LC pigtails in rack/wall fiber housings; single-mode cable jacket color yellow.
- Outside plant (OSP) fiber shall be water-blocked and installed in PVC conduit with pull tape.

### 3.4 Termination Hardware & Racks

- Terminate horizontal to Cat6A certified jacks at faceplates/surface boxes and Cat6A patch panels in telecom rooms.
- Use flat 24-port patch panels; reserve dedicated panels for device categories (WAPs, Security, Building Infrastructure).
- Provide Middle Atlantic racks/cabinets (or District-approved equivalent) with vertical/horizontal management, waterfalls, and ventilation fans; ground all racks and trays to TGB.

### 3.5 Labeling & Administration

- Comply with ANSI/TIA-606-B labeling; machine-printed, black on white, uppercase.
- Workstation label format: ROOM-PLATE:PORT / CLOSET-ENCLOSURE-PANEL:PORT (e.g., 103-A:2 / IDFC-1-B:3).
- Fiber near-/far-end format: NEAR / FAR (e.g., IDFA-1-A:2 / MDF-1-A:2).
- Place cable wrap labels 3 inches from outlets and 6 inches from patch panel terminations.

### 3.6 Testing & Documentation

- 100 percent test of all links with a Level V tester (e.g., Fluke DSX) for Cat6A performance 1-500 MHz; all results must PASS.
- Provide digital native test result files organized by closet and outlet ID within two (2) weeks of completion.
- Perform single-mode fiber testing at 1310 nm and 1550 nm, bidirectional, per ANSI/TIA-526-14-B.
- Provide as-built floor plans with outlet IDs for projects with 20 or more cables.

### 3.7 Patch Cords

Provide (1) 1-foot Cat6A 28AWG patch cord at the MDF/IDF for each horizontal data run with the following color coding:

- Red - Workstations
- Purple - Wireless Access Points
- Orange - Physical Security (cameras, access control)
- Black - Building Infrastructure (IP speakers, clocks, HVAC, lighting)

Provide client-side white patch cords: 50 percent 7-foot and 50 percent 10-foot.

### 3.8 Cleanup & Restoration

Remove abandoned cabling unless directed otherwise. Restore all penetrations with rated firestop and finishes to original condition.

## 4. Standards & Approved Products

All work and materials shall comply with the latest editions of the following standards (most stringent applies):

- ANSI/TIA-568-D (-D.1, -D.2, -D.3)
- ANSI/TIA-569-D
- ANSI/TIA-606-B
- ANSI/TIA-607-B
- ANSI/TIA-758-B
- ANSI/TIA-526-7 and -526-14-B
- NFPA 70 (NEC 2014 or later) and local code
- BICSI TDMM (13th Edition)

### 4.1 Approved Manufacturers (or District-approved equivalents)

- UTP Cable: Superior Essex 10Gain XP Cat6A+
- Copper Jacks/Panels: Ortronics (nCompass), Cat6A component compliance
- Fiber Optic Cable & Hardware: Superior Essex / Ortronics
- Racks/Cabinets/Cable Management: Middle Atlantic
- Firestop: STI Systems

Substitutions require prior written approval and must maintain eligibility for the manufacturer's extended system warranty.

## 5. Contractor Qualifications & Safety

- Licensed, bonded, and insured for low-voltage work in Idaho; background checks for onsite staff.
- Minimum three (3) years of Cat6A installation experience in education or commercial environments.
- Authorized installer for proposed manufacturers and eligible to register the nCompass Limited Lifetime Warranty.
- Crew qualifications: at least 30 percent copper technicians BICSI/Ortronics certified; at least 10 percent fiber technicians certified; onsite lead certified and present at least 90 percent of the time.

## 6. Warranty

Provide a manufacturer-backed structured cabling system warranty (e.g., Ortronics/Superior Essex nCompass) Limited Lifetime covering product, performance, applications, and labor.

Provide a minimum one (1) year contractor labor warranty.

## 7. Schedule

**Anticipated Notice to Proceed:** On or before June 2026

Substantial Completion (all buildings): July 31, 2026

Contractors may propose an alternate schedule aligned to school operations; the District reserves the right to adjust sequencing to minimize instructional disruption.

## 8. Mandatory Site Walkthrough

A mandatory site walkthrough will be held to verify counts, pathways, and access logistics:

**Date:** March 12, 2026

**Time:** 11:00 AM (Mountain Time)

**Location:** Meet at Kimberly High School (check in at main office).

(An additional day may be added if requested by contractor, but all interested contractors must complete a walkthrough for proposal to be eligible.)

## 9. Proposal Submission

- Sealed proposals due: March 31, 2026, by 2:00 PM MT. Late proposals will not be accepted.
- Proposal opening: March 31, 2026, at 2:00 PM MT, Kimberly School District Office.
- Deliver to: Patricia Dame, Technology Director, 141 Center Street W, Kimberly, ID 83341.
- Mark envelope: "KSD\_NetworkCabling\_2026 - Sealed Proposal".

## 10. Proposal Contents

- Executive summary and project understanding.
- Detailed project approach and installation plan, including staffing and phasing.
- Bill of Materials with makes/models; identify any proposed equivalents.
- Labor and materials cost breakdown and completed Pricing Form (Appendix B).
- Preliminary construction schedule and key milestones.
- Warranty letters and manufacturer authorization.
- Three (3) similar project references (Appendix C).
- Proof of licensing and insurance.
- Exceptions/Deviations list (Appendix F), if any.

## 11. Evaluation Criteria

Proposals will be evaluated using the following weighted criteria:

Criteria	Weight
Cost	30%
Technical Compliance	25%
Experience & Qualifications	20%
Project Timeline	15%
Warranty Quality	10%

## 12. General Terms & Conditions

- The District reserves the right to accept or reject any or all proposals, waive informalities, and award in the best interest of the District.
- All work shall comply with applicable federal, state, and local laws and codes.
- The successful contractor shall coordinate all work with District staff and obtain required permits.
- The District intends to award the contract to the responsible proposer whose proposal is determined to provide the best value to the District based on the evaluation criteria listed above. Cost will be a significant factor but will not be the sole determining factor.
- The District may conduct interviews or request clarifications prior to final selection

### Appendix A - Mandatory Walkthrough Acknowledgment

Proposer attended the mandatory site walkthrough and verified counts/pathways:

Firm: \_\_\_\_\_ Representative: \_\_\_\_\_ Date: \_\_\_\_\_

### Appendix B - Labeling Keys (Examples)

Workstation Example: 203-B:1 / IDFC-1-A:3

Fiber Example: IDFA-1-A:2 / MDF-1-A:2

Appendix F - Exceptions / Deviations (Complete & Return)

List any exceptions to the specifications or scope. If none, write "None".