Kinnelon Public Schools
BEN 122808
Category Two – Cabling Specifications

Form 470 # 270005666

All bids must be submitted to bids@erateconsulting.com
by 11:59 p.m. EST on January 5, 2027.

Requirements/Preferences/Instructions:

(1) YOUR SUBMISSION MUST IDENTIFY ALL INELIGIBLE COSTS. FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DEEMED INCOMPLETE FOR BID EVALUATION PURPOSES.

(2) With your submission, you must provide a copy of your standard contract terms and conditions. Failure to do so will result in your bid being deemed incomplete for bid evaluation purposes.

(3) All proposals and related questions must be submitted in electronic format to bids@erateconsulting.com. Adherence to this requirement is your responsibility and cannot be imputed to the Applicant.

(4) SPAM and robotic bids will be deemed non-responsive and will be disqualified from consideration.

(5) Generic product catalogues, price lists, and other non-specific submissions will be deemed non-responsive and will be disqualified from consideration.

(6) You must submit two versions of your final quote. The first version must be submitted in the identical Excel format as that of the proposed BOM (also attached to this 470). You must also submit a version of your organization's official quote with quote number in pdf format. Failure to provide both the PDF and Excel versions of your bid will result in your bid being deemed incomplete for bid evaluation purposes.

(7) If proposing a solution other than that identified in the proposed BOM or making assumptions for cost estimation purposes, you may modify the BOM as required using line-item pricing and explain your proposed solution in the "Notes" column of your Excel submission.

(8) If proposing a solution other than that identified in the proposed BOM, your submission must include a detailed description of how your proposed alternative is functionally equivalent to the Applicant's preference and explain how it will integrate into the Applicant's existing infrastructure. **Failure to fulfill this requirement when proposing an alternative product will result in your bid being deemed incomplete for bid evaluation purposes.**

(9) Do NOT embed the excel version of your bid in a pdf document. If you do, and you do not

submit a separate excel file version of your bid, then your bid will be deemed incomplete for bid evaluation purposes.

(10) Vendors should have prior experience delivering their proposed solution(s) to public school districts in New Jersey. References must be provided upon request.

(11) In your email submission, the subject line must specifically reference the Applicant and the applicable Form 470#.

(12) At the time of your bid submission, you must have and provide a valid Service Provider Identification Number (SPIN). Lacking a valid SPIN at the time of your submission may result in your bid being deemed incomplete for bid evaluation purposes.

(13) If your proposed solution is comprised of products and/or services available through a Preferred Master Contract, State Master Contract, or some other cooperative purchasing arrangement recognized by the State of New Jersey, please provide a specific reference to the contracting arrangement and, where applicable, the contract number.

(14) Proposals must include all taxes and any other additional charges. Failure to include any such taxes, fees, or other additional charges shall preclude vendors from subsequently modifying the cost terms without the Applicant's prior written consent to said modification. By submitting a proposal in response to this Form 470, you agree to be bound by this requirement.

(15) With your submission, please provide documentary evidence that your organization is in Green Light status with the FCC. Failure to provide such evidence will impact your bid evaluation.

(16) All proposals must conform to the applicable provisions of the New Jersey Public Schools Contracts Law (Title 18A:18A-1 et seq.) and Board of Education policies and regulations.

(17) By submitting a proposal in response to the referenced Form 470, you agree that your Proposal is not being offered as an "all or nothing" proposition. The Applicant thus reserves the right to purchase, at the proposed unit price, quantities less than those requested on the Form 470.

(18) The Applicant reserves the right to cancel this project at any time prior to procurement.

(19) By submitting a bid in response to this Form 470, you are certifying that your proposed prices are consistent with the FCC's rules regarding Lowest Corresponding Price ("LCP"), and that your Company is in compliance with FCC Order FCC 19-121, which bars the use of USF subsidies to fund equipment, components, and services from "covered" companies deemed to be a national security risk.

(20) All service providers should be able to provide a current NJ Business Registration Certificate and W-9 upon request. Failure to do so will result in your bid being deemed incomplete for bid evaluation purposes.

(21) Please print, sign and date this document and submit along with both versions of your bid to indicate that you have read, considered, and understand each of these requirements. **Failure to submit this document with an authorized representative's signature will result in your bid being deemed incomplete.**

Equipment/Services Requested:

The Applicant is seeking bids from qualified vendors to supply the necessary labor and materials to install, test, and document a total of approximately 50 Category 6 cable runs cable runs at three schools. The following specifications apply to this project:

- Cabling run from each location will terminate inside the nearest IDF or MDF.
- Vendor will pull cabling through hung ceiling, conduits and raceways, termination and pin testing of all data outlets.
- Raceways, junction boxes, and fixtures should be anchored using fasteners; no adhesives may be used.
- All vertical cabling should be in-wall where possible or in surface mount raceways.
- Cabling should be installed to EIA/TIA Category 6 specifications (TIA568-C.2) meeting local electrical and fire codes, including the use of fire/smoke stop around fire rated penetrations.
- All cabling should be terminated to the 568B pinout standard.
- Vendor will supply all tools required for work, including ladders, lifts, drills and carts. Please add a separate line-item cost to your proposal for any such tools that result in an additional cost to the Applicant.
- Vendor is required to affix labels at all cable termination points, including patch panels and face plates.
- Vendor is required to provide a document detailing each numbered data run, its corresponding location, and termination point.

The three schools where Cat6 work will be performed are:

- Stonybrook Elementary School, 118 Boonton Avenue, Kinnelon, NJ 07405
- Kiel Elementary School, 115 Kiel Avenue, Kinnelon, NJ 07405
- Kinnelon High School, 121 Kinnelon Road, Kinnelon, NJ 07405

Additionally, the Applicant seeks bids to complete three OS2 24-strand single mode fiber runs and one OS2 8-strand single mode fiber run. Fiber should be properly dressed, terminated, labeled, and tested using Tier 1 testing procedures. All fiber ends should be fusion spliced and tested.

- The vendor will supply all tools required for work, including ladders, lifts, drills and carts. Please add a separate line-item cost to your proposal for any such tools that result in an additional cost to the Applicant.
- Vendor shall affix labels at all termination points, including patch panels and face plates.

Ideally, the vendor will use the existing conduit. However, the Applicant would like vendors to propose a cost to install new conduit in the event the existing conduit is unusable, for some reason.

The three OS2 24-strand runs will be completed at:

- Stonybrook Elementary School, 118 Boonton Avenue, Kinnelon, NJ
- Pearl R. Miller Middle School, 117 Kiel Avenue, Kinnelon, NJ
- Kinnelon High School, 121 Kinnelon Road, Kinnelon, NJ

The 8-strand run will be installed at the Kiel Elementary School, 115 Kiel Avenue.

Lastly, the Applicant seeks bids to complete a new Intermediate Distribution Frame (IDF) Installation at the Kiel School, 115 Kiel Avenue. Installation shall include an enclosed network equipment rack, Cat6 patch panel, fiber optic patch panel/enclosure, and all necessary mounting hardware, cable management, grounding, and accessories. The IDF shall accommodate the 8-strand OS2 single-mode fiber connection, with all fiber strands properly terminated, labeled, and tested.

A **mandatory walkthrough** will occur on **December 3, 2026, beginning at 10:00 a.m.**, at the Stonybrook Elementary School, 118 Boonton Avenue, Kinnelon, NJ. From there, participants will proceed to the Pearl R. Miller Middle School, then Kiel Elementary School, and finish at the High School. All site visits will be completed in one day.

In the event inclement weather results in cancellation of school operations, the walkthrough will occur on December 4 at 10:00 a.m. Vendors must participate in the walkthrough to submit a proposal for any portion of this project. Submissions by vendors who do not attend the walkthrough will be automatically disqualified.

To attend the walkthrough, you must provide advance notice by email to bids@erateconsulting.com and specifically identify who will attend on your Company's behalf, as the Applicant must have advanced notice of visitors. Vendors should arrive early to sign in for the walkthrough. The walkthrough will begin promptly. If a vendor arrives late, the Applicant reserves the right to exclude that vendor from the walkthrough if it has already begun.

You must provide an official company quote in pdf format. Proposals should reflect the cost of a turnkey solution. The expectation is the vendor will propose a project cost that includes all labor and materials (e.g., materials, components, accessories) required to complete **one, two, or all three projects**. If you are bidding on both the Cat6 and fiber projects, please be sure to present these projects as separate costs. The costs of each project should not be bundled into a lump sum. Costs associated with labor should be clearly delineated from costs associated with materials, accessories, and components.

Cost of each project should include project management, testing, labeling, documentation, and post-install survey. Vendors should itemize the proposal so that it delineates the total cost of labor from the total cost of materials. Proposals that fail to delineate the labor cost from the materials cost will be evaluated accordingly.

Additionally, vendors should add line items where necessary to address any additional circumstances applicable to this project. (e.g., scissor lift rental, etc.). If you must make assumptions to supply a quote, please identify those assumptions clearly as separate line items with their associated costs.

You must also provide the details of your proposal in the attached excel BOM document. Failure to provide both the PDF and Excel versions of your bid will result in your proposal being deemed incomplete for bid evaluation purposes.

Labor rates must be in accordance with New Jersey law, to the extent required.

Please print your name, sign, and date to indicate that you have read the above requirements, that you understand them, and that your proposal complies will all requirements. Failure to do so will result in your bid being deemed incomplete.

_____
Vendor Representative Name

_____ _____
Vendor Representative Signature Date