ROWLAND UNIFIED SCHOOL DISTRICT
1830 S. NOGALES STREET
ROWLAND HEIGHTS, CA 91748

ADDENDUM 2

LAN FIBER INSTALLATION E-RATE
RFP BID# 2021-22 (R5)

FEBRUARY 3, 2022

TO ALL PROSPECTIVE BIDDERS:

Note: *The following Addendum shall become part of the contract documents, and the bidder shall provide for all work as required by this Addendum. Acknowledge receipt of the Addendum on the Bid Proposal Form.*

Specifications/Clarifications:

The project due date will be extended from **February 17, 2022, to March 3, 2022, no later than 10:00 A.M. NO Proposals will be accepted after 10:00 A.M. (PST)**

- What is the total contract duration?
  - This project will not start until July 1st, 2022 and is estimated to be completed by October 31, 2022.

- Can each site be worked successively, one after the other, or do they have to be worked simultaneously, multiple sites at once? How many sites at one time?
  - The contractor will be given three months to complete the project based on the notice to proceed. Contractors can schedule their tasks to best meet their requirements and the project timeframe.

- Equipment Group 2 assumes 500ft trenching and 4" conduit per site. At the job walk it was determined that these additional pathways would be minimal, should 500' length be applied per site or 500' total for the entire project?
  - To determine the baseline cost for this equipment group, the contractor shall provide 500 ft for the entire project. Please only submit proposals with 500 total linear feet for the project, not each site.

- Alvarado IS, and Hurley ES MPR Buildings will require additional interior pathways for copper cabling. Will the cost for this be applied to Equipment Group 2 or should an additional cost be added?

  - With the minimal amount of work needing surface mounted raceway within this project, the district will provide the required raceway for installation by the contractor. The District will provide Panduit LD08IW10-A raceway with appropriate connectors and one surface mount box for each identified location. The contractor shall install provided pathway and supply the proper termination RJ45 jack with a dual-port faceplate for a single gain box.

- What is the preferred method for this work (metal or plastic surface mount raceway or conduit)? Should raceway/conduit be painted to match?
  - The district will provide nonmetallic Panduit LD08IW10-A and corresponding connectors. Contractors will be responsible for installing the raceway supplied by the District.

- Cat7 certification is not recognized by the ANSI/EIA/TIA. It would be tested under the test limit Class F: link up to 600 MHz Fully shielded cable. ISO/IEC 11801. Manufacturers may not provide the 20-year warranty for this cable solution. Cat7 is not available as plenum rated or indoor/outdoor cable and requires proprietary connectors. Please clarify the requirements for copper cabling.
  - CAT 6 UTP will be used for all copper cabling outlined within the RFP. The CAT 6 Cable must meet the following parameters: Cable for all inside plant (ISP) cabling must be plenum rated Category 6A UTP with a minimum of 500 MHz bandwidth and must be UL listed and comply with all ANSI/EIA/TIA standards for CAT 6A. Cable for all outside plant (OSP) cabling must be outdoor/underground/plenum rated Category 6A UTP with a minimum of 500 MHz bandwidth and must be UL listed and comply with all ANSI/EIA/TIA standards for CAT 6A.

- The requirement you are requesting for the construction of the 12 strand OS2 Gel Filled OSP fiber is complicated during the installation process. All Dialectic fiber (Dry Lock) is a more efficient fiber optic cable to install in a cost-effective solution. Dry lock is also considered to protect the fiber strands more effectively than gel filled.
  - Vendors can follow the Substitutions process outlined on page 5 of the original RFP to use this cable type.

- The RFP mentions using a CAT 7 or a better cable for all the ceiling drops for this project. During the job walk it was mentioned that a CAT 6A is acceptable. Could you please confirm this?
  - CAT 6 UTP will be used for all copper cabling outlined within the RFP. The CAT 6 Cable must meet the following parameters: Cable for all inside plant (ISP) cabling must be plenum rated Category 6A UTP with a minimum of 500 MHz bandwidth and must be UL listed and comply with all ANSI/EIA/TIA standards for CAT 6A. Cable for all outside plant (OSP) cabling must be outdoor/underground/plenum rated Category 6A UTP with a minimum of 500 MHz bandwidth and must be UL listed and comply with all ANSI/EIA/TIA standards for CAT 6A.

- It was mentioned during the job walk that the district would like the new fiber enclosure at the MDF to be at the top RU of the rack. However, it was noticed that some MDFs have equipment stacked such that it was not possible to fit the new enclosure all the way up. The equipment would have to be moved down. Who is responsible for rearranging the existing equipment?
    - District personnel will rearrange current rack equipment as needed to ensure contractors can install new fiber at the top of the rack.

- It was mentioned during the job walk that the contractor should consider installing a new sleeve between any two classrooms. Is that typical for all classrooms at all sites? Is there a specific sleeve size that is required by the district?
    - 2" diameter EMT with no less than 8" on each side with grommets and fire caulking around the sleeve at penetration. No more than 38% filled.

- It was noticed during the job walk that the MPR had loose cables running across from the IDF to the AP location. It was recommended that the contractor should consider running a wire mold/raceway to such locations. Can you please confirm if this is what is needed? Also, is this typical for MPRs at all sites?
    - With the minimal amount of work needing surface mounted raceway within this project, the district will provide the required raceway for installation by the contractor. The District will provide Panduit LD08IW10-A raceway with appropriate connectors and one surface mount box for each identified location. The contractor shall install provided pathway and supply the proper termination RJ45 jack with a dual-port faceplate for a single gain box.

- Could the underground pathway plan be provided for Giano Intermediate School?
    - Please see the revised as-builds attached for Giano Intermediate School.

- It was mentioned during the job walk that the contractor is to use existing underground pathways, however the RFP mentions including 500ft of trenching per site. Is it up to the contractor to identify whether the trench would be on asphalt, concrete or sod or can some more information be provided?
    - To determine the baseline cost for this equipment group, the contractor shall provide costs for 500 ft for the entire project. Please only submit proposals with 500 total linear feet for the project, not each site. IF trenching is needed, it will be on a case-by-case basis, and each site requiring trenching will be unique. Bidders shall provide a line item per foot cost for each type of surface with a minimum linear footage amount of 25ft. Example:
        - Two-foot-wide trench, patch back in sod = $XX.00 per linear foot, 25 ft. minimum.
        - Two-foot-wide trench, patch back in asphalt = $XX.00 per linear foot, 25 ft. minimum.
        - Two-foot-wide trench, patch back in concrete = $XX.00 per linear foot, 25 ft. minimum.

- For Equipment Group 2, the RFP mentions the conduit size to be 4 inches. Does the contractor consider (1)4" or (2)4" per trench? Do the pull boxes have to be traffic rated?
    - Setting a baseline...provided pricing for one 4" PVC Schedule 40 conduit run with a minimum of 24"x36" and 24" depth Traffic rated pull boxes.

- In the RFP's EQUIPMENT GROUP 2 – OPTIONAL Conduit and Trenching, are the bidders to assume that all conduits are to be underground PVC Schedule 40 4"?
    - Yes, underground PVC Schedule 40 4.

- In the RFP's EQUIPMENT GROUP 2 – OPTIONAL Conduit and Trenching, will there be any above ground conduits to be installed for Risers to the Building Entry Penetrations? If so, how many locations, how much conduit, what type and size of NEMA Boxes are required?
    - Setting a baseline...provided one 2" and one 4" riser with NEMA Enclosure Type 3R Minimum 12"x12"x6"

- In the RFP's EQUIPMENT GROUP 2 – OPTIONAL Conduit and Trenching, Part d. Estimated pull boxes per site: 2. What size and type of pull boxes shall be accounted for in the bid?
    - Minimum of a 24"x 36" and 24" depth Traffic rated pull box

- In the RFP's EQUIPMENT GROUP 2 – OPTIONAL Conduit and Trenching, Part g. Cap the trench lines with materials similar to existing * Sod * Asphalt * Concrete. Can you please clarify a percentage of each type of material to be replaced for bidding purposes?
    - To determine the baseline cost for this equipment group, the contractor shall provide costs for 500 ft for the entire project. Please only submit proposals with 500 total linear feet for the project, not each site. IF trenching is needed, it will be on a case-by-case basis, and each site requiring trenching will be unique. Bidders shall provide a line item per foot cost for each type of surface with a minimum linear footage amount of 25ft. Example:
        - Two-foot-wide trench, patch back in sod = $XX.00 per linear foot, 25 ft. minimum.
        - Two-foot-wide trench, patch back in asphalt = $XX.00 per linear foot, 25 ft. minimum.
        - Two-foot-wide trench, patch back in concrete = $XX.00 per linear foot, 25 ft. minimum.

- In the RFP's Exhibit B-1 and B-2 PROPOSAL PRICING FORMs, the Rows and Columns on the Bid Form do not seem to have the adequate spacing for the information required on the forms. Are we to use these exact Forms for the Proposal Response? Or, can we provide a similar form (Excel format) with adequate spacing as long as we include the Subtotal: Installation: Shipping and handling: Tax: TOTAL: information at the foot of each page?

  - These forms must be used, however as noted on the original forms, additional pages should be used as needed.

- Category 7 cable is not a current standard, will Category 6A be accepted?
  - CAT 6 UTP will be used for all copper cabling outlined within the RFP. The CAT 6 Cable must meet the following parameters: Cable for all inside plant (ISP) cabling must be plenum rated Category 6A UTP with a minimum of 500 MHz bandwidth and must be UL listed and comply with all ANSI/EIA/TIA standards for CAT 6A. Cable for all outside plant (OSP) cabling must be outdoor/underground/plenum rated Category 6A UTP with a minimum of 500 MHz bandwidth and must be UL listed and comply with all ANSI/EIA/TIA standards for CAT 6A.

- During the job walk, it was mentioned that bidders should consider every wall between classrooms needing a sleeve. Please address the need for these sleeves and their inclusion on the pricing form so that all bidders are bidding the same scope.
  - 2" diameter EMT with no less than 8" on each side with grommets and fire caulking around the sleeve at penetration. No more than 38% filled shall be installed whenever penetration through the fire stop wall is needed. Alvarado Intermediate and Hurley Elementary Schools should be considered to have a firewall between each classroom. Killian, Shelyn, Yorbita Elementary, and Giano Intermediate should be considered to have minimal firewalls. Please keep in mind that any firewall penetration must have a sleeve installed as per local and federal fire/electrical standards.

- Please give the specifications needed for the estimated (2) pull boxes per site as detailed in EQUIPMENT GROUP 2 - OPTIONAL Conduit and Trenching.
  - Please provide a price for two pull boxes minimum of 24"x 36" and 24" depth Traffic rated pull boxes for the entire project, not by school site.

- Can a similar footage requirement be given at each site for horizontal pathway (surface mount raceway or conduit) within OPTIONAL Conduit and Trenching so that all contractors are bidding the same scope?
  - With the minimal amount of work needing surface mounted raceway within this project, the district will provide the required raceway for installation by the contractor. The district will provide Panduit LD08IW10-A raceway with appropriate connectors and one surface mount box for each identified location. The contractor shall install provided pathway and supply the proper termination RJ45 jack with a dual-port faceplate for a single gain box.

- Can the CCNA/CCIE requirement be removed from this project as network switches and configurations are not a part of this scope?
  This is not a requirement as per Section I.M.i and I.M.j - Services Provider/Vendor Minimum Requirements on page 7 of the original RFP

Engineers should be fully qualified e.g. CCNA, CCIE or equivalent. The keywords “should " and “preferred” are used.

- What is the service loop requirements for ground vault passthrough points?
    - All Cables passing through a below ground-level pull box shall have a 3-meter service loop within each box it enters.

- Is innerduct required in ground vaults or only within buildings?
    - It is not necessary to run innerduct in underground pull vaults/boxes. However, innerduct must be used anytime the fiber leaves conduit within the buildings. Fiber MUST be labeled within each pull-out/box with appropriate highly visible machine-generated weather-resistant caution labels.