



NEWPORT NEWS PUBLIC SCHOOLS PURCHASING DEPARTMENT

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Newport News, VA 23606-3041

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NOTICE OF AWARD

IFB #003-0-2021SJ

January 13, 2021

Successful Bidder: **Shore Communications, Inc.**

Address: 600 N. Witchduck Rd – Suite 106, Virginia Beach, Virginia 23462

Your Bid Dated: 12/10/2020

In Response To: IFB # 003-0-2021SJ

Description of Work/Products to be furnished: Network Wiring Services, Maintenance & Installation

Delivery/Performance Date Start: January 15, 2021

Your offer is hereby accepted at the prices and rates stated in your bid and subject to all conditions and requirements of the IFB, including addenda, your qualifications, specifications and warranties.

Shaelee Jones

Shaelee Jones

Assistant Procurement Specialist

RECORDS OF THIS SOLICITATION ARE NOW AVAILABLE FOR PUBLIC INSPECTION

SPECIFIC LEGAL REQUIREMENTS

ANTI-COLLUSION:

In the preparation and submission of this bid/proposal, said bidder/offeror did not either directly or indirectly enter into any combination or arrangement with any person, firm or corporation, or enter into any agreement, participate in any collusion, or otherwise take any action in violation of the Sherman Act (15 U.S.C. Section 1), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia. The undersigned bidder/offeror hereby certifies that this agreement, or any claims resulting therefrom, is not the result of, or affected by, any act of collusion with, or any act of, another person or persons, firm or corporation engaged in the same line of business or commerce; and, that no person acting for, or employed by, NNPS has an interest in, or is concerned with, this bid/proposal; and, that no person or persons, firm or corporation other than the undersigned, have, or are, interested in this bid/proposal.

DRUG-FREE WORKPLACE:

During the performance of this contract, the successful bidder/offeror agrees to (i) provide a drug-free workplace for the successful bidder's/offeror's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the successful bidder's/offeror's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the successful bidder/offeror that the successful bidder/offeror maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each successful bidder/offeror or vendor. For the purpose of this section, "drug-free workplace" means a site for the performance or work done in connection with a specific contract awarded to a successful bidder/offeror in accordance with federal law, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.

EMPLOYMENT DISCRIMINATION BY THE SUCCESSFUL BIDDER/OFFEROR SHALL BE PROHIBITED:

1. During the performance of this contract, the successful bidder/offeror agrees as follows:
 - a. Bidder/offeror shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the successful bidder/offeror. The successful bidder/offeror agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
 - b. Successful bidder/offeror, in all solicitations or advertisements for employees placed by or on behalf of the successful bidder/offeror, shall state that such successful bidder/offeror is an equal opportunity employer.
 - c. Notices, advertisements, and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
2. Successful bidder/offeror shall include the provisions of the foregoing Subsections a, b, and c in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

COMPLIANCE WITH STATE LAW; FOREIGN AND DOMESTIC BUSINESSES AUTHORIZED TO TRANSACT BUSINESS IN THE COMMONWEALTH:

1. A contractor organized as a stock or nonstock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership shall be authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Title 13.1 or Title 50 or as otherwise required by law.
2. A bidder/offeror organized or authorized to transact business in the Commonwealth pursuant to Title 13.1 or Title 50 will include in its bid or proposal the identification number issued to it by the State Corporation Commission in the space provided below. Any bidder/offeror that is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 or as otherwise required by law shall include in its bid or proposal a statement why the bidder/offeror is not required to be so authorized. Bidder/offeror is to include the VA Code reference authorizing the exemption in said statement.
3. Any bidder/offeror described in the foregoing Subsection 2. that fails to provide the required information shall not receive an award unless a waiver of this requirement is granted by the Superintendent or designee.
4. Any business entity described in the foregoing Subsection 1. that enters into a contract with NNPS shall not allow its existence to lapse or its existence to lapse or its certificate of authority or registration to transact business in the Commonwealth, if so required under Title 13.1 or Title 50, to be revoked or cancelled at any time during the term of the contract.

Date: _____ Authorized Signature: _____

Name and Address of BIDDER/OFFEROR:

Printed Name: _____ Title: _____

Phone Number: _____ Fax Number: _____

Email Address: _____

Federal Tax Identification Number/Social Security Number: _____

State Corporation Commission Identification Number: _____

Is bidder/offeror a "minority" business? Yes No If yes, please indicate the "minority" classification below:
 African American Hispanic American Native American Asian American Other; Please Explain:

Service Disabled Veteran? Yes No Service Disabled Veteran Business? Yes No
Woman Owned? Yes No Small Business? Yes No
Faith-Based Organization? Yes No

SCOPE OF WORK:

- A. General Requirements.....
- B. Specific Requirements.....
- C. Cable Plant Requirements.....
- D. Room Data Drop Types.....

SPECIAL INSTRUCTIONS TO THE BIDDER:

- A. Definitions:.....
- B. Contact with NNPS Staff, Representatives, and/or Agents:.....
- C. Pre-Bid Conference & Site Visit
- D. Bidders of Record:
- E. Questions:.....
- F. Changes or Modifications:
- G. Bid Submittal Requirements:
- H. Proprietary Information/Disclosure:
- I. Notice of Award:
- J. Award:
- K. Withdrawal of Bids:
- L. Disposition of Bids:
- M. Cost of Responding:

GENERAL TERMS AND CONDITIONS:

- A. Contract Document:
- B. Contract Modification(s):
- C. Bidder Obligation:
- D. Conditions of Work:
- E. Bid Binding For One-Hundred Twenty (120) Days:
- F. Prime Contractor:
- G. Subcontractors:
- H. Non-Assignment:
- I. Antitrust:
- J. Anticollusion/Nondiscrimination Requirements Form:
- K. Compliance with Federal, State, and Local Laws and Federal Immigration Law:.....
- L. Compliance with state law; foreign and domestic businesses authorized to transact business in the Commonwealth:
- M. Hold Harmless/Indemnification:
- N. Notices:
- O. Non-Responsive Performance:
- P. Termination Without Cause:
- Q. Termination With Cause/Breach:
- R. Breach of Contract:
- S. Applicable Law:
- T. Compliance With All Laws:
- U. Venue:
- V. Severability:
- W. Non-Appropriation of Funds:
- X. Tax Exemption:
- Y. Vendor's Invoices:
- Z. Contractual Disputes:
- AA. Warranty/Guarantee:
- BB. Payment Terms:
- CC. Prompt Payment.....
- DD. Payment by Electronic Funds Transfer.....
- EE. Audits:
- FF. Non-Exclusivity:

SPECIAL TERMS AND CONDITIONS:

- A. Contract Term:
- B. Contract Extension:
- C. Time is of the Essence.....
- D. Insurance:
- E. Bonds:.....
- F. Unauthorized Disclosure of Information:.....
- G. Copyright/Patent Indemnity:
- H. Escalation/De-escalation:
- I. Certification Regarding Debarment.....
- J. Cooperative Procurement:
- K. Criminal Background Check.....

ATTACHMENT A –Labor Pricing Schedule"A"

ATTACHMENT B –Parts Pricing Schedule"B"

ATTACHMENT C – Scenario Quote

SCOPE OF WORK

A) GENERAL REQUIREMENTS

- 1) Newport News Public Schools (NNPS) is seeking responsive and responsible bidders to furnish NNPS with network wiring services, maintenance for its local area network (LAN), voice, PA systems, Master Clock systems, and installation services for projector and Interactive White Board systems. It is the intent of this solicitation that the Contractor supply pricing for the structured cabling products listed in Attachment "B" – Parts Pricing Schedule and also a firm-fixed hourly rates for each service item listed in Attachment "A" – Labor Pricing Schedule, for each service item listed below to include labor & all incidental materials for the installation of the structured cabling products specified herein as ordered by NNPS
 - i) Installation, termination and testing of Fiber Optic Cabling, excluding cost of incidental materials (connectors, faceplates, "J" hooks, cable ties, cable routing hardware, patch cords, wire managers, etc) per hour
 - ii) Installation, termination and testing of Category 5e, 6, or 6e cabling, excluding cost of incidental materials (jacks, faceplates, "J" hooks, cable ties, cable routing hardware, patch cords, jumper wire, wire manager, etc.) per hour
 - iii) Installation, termination and testing of RF equipment excluding cost of incidental materials (module jacks, faceplates "J" hooks, cable ties, cable routing hardware, patch cords, jumper wire, wire managers, etc.) per hour
 - iv) Removal, transport, installation, and testing of NNPS owned Interactive White Boards and projectors per hour.
- 2) Pricing for the requested items and rates under this contract must be provided to NNPS in the attached Attachment "A" – Labor Pricing Schedule and Attachment "B" – Parts Pricing Schedule. All parts/items offered must be in new, and unused condition.
- 3) Award shall be made to a responsive and responsible Bidder(s) based on the overall BID TOTAL, this total coming from the sum of both Attachment "A" – Labor Pricing Schedule and Attachment "B" – Parts Pricing Schedule. Bidder must provide a price for each part/item and labor rates for the bid to be considered. In Attachment "C" – Scenario Quote, this will be used to determine the bidder's ability to successfully quote projects and this will be a factor in the award process.
- 4) During the contract term and any and all extensions, the contractor shall provide the parts and products described in the contract. The contractor understands and agrees that this is a *Requirements Contract* and that NNPS shall have no obligation to the contractor if no parts and products are required. Any quantities that are included in the scope of work reflect the current expectation of NNPS. The quantities indicated are an estimate only and NNPS is under no obligation to the contractor to buy any amount of the parts and products as a result of having provided this estimate or of having any typical or measurable requirement in the past. The contractor understands and agrees that NNPS may require parts and products in an amount less than or in excess of the estimated quantities and that the quantity actually used, whether in excess of the estimate or less than the estimate, shall not give rise to any claim for compensation other than the total of the unit prices in the contract for the quantity actually required by NNPS.
- 5) There is a scenario to provide Labor and Materials for in Attachment "C" – Scenario Quote. The purpose of this scenario is to determine the bidder's ability to successfully quote projects and this will be a factor in the award process. Bidders shall provide pricing for the required parts and labor. Bidders shall also determine based on the scenario any incidentals that may be required to complete the project and provide pricing per those items.

B) SPECIFIC REQUIREMENTS

- 1) Contractors must possess and provide a Virginia Class A License, a record of Contractor's experience in providing comparable services, Asbestos Standard Operating Procedure for activities where asbestos block wall filler will be disturbed, and statement of Contractor's acknowledgement that the products and services offered will be in accordance with the provisions of the IFB. NNPS reserves the right to split the award of this IFB should it be determined by NNPS, in its sole discretion, to be in NNPS' best interest.

- 2) Contractor must have successfully completed Asbestos Awareness Training.
- 3) Contractor must refer to the most recent AHERA Inspection report prior to starting any project.
 - i) Copies of the report can be found either in the school office or Plant Services
- 4) Contractor must have at least one employee who has successfully completed Asbestos Class II Operations Training through a certified Asbestos Trainer.
 - i) Only personal that have successfully completed this training are authorized to disturb the Asbestos Matrix on the block walls with asbestos containing block filler.
- 5) Contractor must provide service and maintenance to support new and current site based local area network, Data/Voice, Fiber-Optic, PA, Clock, and other technology initiatives.
- 6) The Contractor must furnish all necessary and adequate labor, supervision, tools, materials, and testing as required to install Data/Voice, Fiber-Optic, PA, Clock, and other systems efficiently, economically and in accordance to the manufacturer specifications.
- 7) All Data/Voice, Fiber-Optic, PA, Clock, and other systems must be delivered and installed as a turnkey system unless specified by NNPS.
- 8) NNPS estimates 800 hours per year for these Systems.
- 9) NNPS requires the Contractor to dedicate a project manager who can be called upon at any time to work any aspect of the Systems from concept to completion.
- 10) All work performed under this Contract must be performed in accordance with the most recent versions of the standards listed below and any addenda and revisions thereto, as amended:
 - i) Local, State, and Federal Laws
 - ii) Virginia Uniform Statewide Building Code;
 - iii) National Electric Code (NEC): ANSI/NFPA-70;
 - iv) COV ITRM Standard NET2001-01.1 (or the latest approved updated to this standard), and all addenda and revisions thereto.
 - v) Uniform Commercial Building Code;
 - vi) Safety Codes Commission of the Commonwealth of Virginia rules, issues by the Department of Labor and Industry under Title 40.1 of the Code of Virginia.
 - vii) Occupational Safety and Health Administration codes
 - viii) TIA-569-B, Commercial Building Standard for Telecommunications Pathways and Spaces
 - ix) TIA/EIA-606, Administration Standard for Commercial Telecommunications Infrastructure
 - x) TIA J-STD-607-A, Commercial Building Grounding (Earthing) and Bonding Requirements for telecommunications
 - xi) TIA-758, Customer-Owned Outside Plant Telecommunications Infrastructure Standard
 - xii) TIA/EIA-568-B.1 Commercial Building Telecommunications Cabling Standards and any revisions or addenda thereto
 - xiii) TIA/EIA-568-B.2, Commercial Building Telecommunications Cabling Standard, Part 2: Balanced Twisted-Pair Cabling Components
 - xiv) TIA/EIA-568-B.3, Optical Fiber Cabling Components Standard
 - (1) TIA-526-14, Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant
 - (2) TIA/EIA-598, Optical Fiber Cable Color Coding
 - (3) Heretofore within this document, TIA/EIA-568-B.1, B.2, and B.3 and any revisions and addenda thereto will be collectively referred to simply as ANSI/TIA/EIA-568-B
- 11) Contractor must provide at least 3 references for completed projects of similar size and scope performed of this requirement which directly speak to:
 - i) Installation, termination, modification, and testing of Category 5e, 6, and 6e data / voice copper cabling
 - ii) Installation, termination, modification, and testing of single mode and multi-mode fiber-optic cabling
 - iii) Installation, termination, modification, and testing of Public Address / Intercom speaker and cabling system
 - iv) Installation, termination, modification, and testing of wired and wireless Clock system

- v) Installation of interactive white boards (the "IWB") integrated and stand-alone mounted video projectors (the "DLP") and classroom sound (the "SOUND") systems
- 12) NNPS prefers one Contractor for the entire scope of work, no subcontractors
 - i) Work must be performed by competent technicians who are employees of the Contractor and are familiar with the specific equipment to be installed.
 - ii) The Contractor must be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work.
 - iii) The Contractor is responsible for ensuring all work and employees are Occupational Health and Safety Administration (OSHA) compliant.
 - 13) The Contractor must report to NNPS any damage to existing utilities, facility infrastructure, existing equipment, or finished surfaces.
 - i) Damages resulting from the Contractor will be corrected within 24 hours at the Contractors sole expense.
 - 14) The Contractor must have at least one BICSI RCDD (Registered Communications Distribution Designer) on staff that will be ultimately responsible for the NNPS account and act as a Project Manager or supervise the designated on-site Project Manager. The RCDD must have sufficient experience in the type of work described herein as to be able to lend adequate technical support to the field personal during installations.
 - 15) The Contractor must also have BICSI Registered Technicians and Installers on staff and assign them to the services requested. NNPS prefers that projects shall be staffed at all times by at least one BICSI Registered Technician or ITS Installer Lever I who, in the role of lead craftsman, will be able to provide leadership and technical resources for the remaining crafts persons on the project.
 - 16) The Contractor must be a Leviton Authorized Installer.
 - i) It is highly desirable that the Contractor be a Leviton Premier Partner, preferably for at least two years.
 - 17) The Contractor must show proof of membership in Corning's LANscape Network of Preferred Installers (NPI), due to the installation warranties provided.
 - 18) The Contractor must be a Superior Essex Authorized Installer
 - 19) The Contractor must be an Authorized Bogen Distributor and Installer
 - 20) Contractor must provide an estimate quote for each NNPS System project to include:
 - i) A description of the scope of work
 - ii) An itemized list of parts
 - iii) An itemized list of labor hours
 - 21) Prior to commencing any work, the Contractor must have in its possession a valid NNPS purchase order number issued from the NNPS Purchasing Department.
 - 22) All change orders must be requested through NNPS Technology Services. Changes orders are not valid unless the Contractor has in its possession a valid NNPS purchase order indicating the change order number issued from the NNPS Purchasing Department.
 - 23) NNPS will not be responsible for changes made by Contractor without such written documentation.
 - 24) Contractor must have a NNPS approved project management process in place prior to commencing any work.
 - 25) Contractor will provide a bi-weekly Systems Progress Report to NNPS as projects are implemented.
 - 26) NNPS reserves the right to change to Contractor's tracking procedures.
 - 27) Large Systems projects will be planned and scheduled around ongoing instructional activities and the sites bell schedule to minimize disruption in the classroom(s).
 - 28) Contractor must have NNPS approved documented procedures in place for project acceptance.
 - 29) All electronic copies for the as-built drawings are to be in AutoCAD format and Adobe PDF, version to be set by NNPS.
 - 30) Electronic test results for each copper and fiber cable will be provided to NNPS at the completion of each job.
 - 31) All debris generated by the Contractor must be picked up and lawfully disposed of at the conclusion of each work day.
 - 32) NNPS will not approve payment until items 7 and 21-31 have been met.

C) Cable Plant Requirements

- 1) All work performed under this contract shall conform to all federal, state, and local ordinances and official building requirements.
- 2) All work shall conform to all state and local building codes including National Electrical Code (NEC) and National Fire Protection Association (NFPA)
- 3) All work performed will be installed in accordance with the latest edition of BICSI standards and methods for cabling and telecommunication distribution systems.
- 4) All material and equipment shall be listed, labeled, or certified by Underwriter's Laboratories, Inc. where such standards have been established.
- 5) All work shall be in accordance with the current Uniform Commercial Building Codes.
- 6) All work shall be in accordance with the current Occupational Safety and Health Administration codes.
- 7) All work shall be in accordance with the current Safety Codes Commission of the Commonwealth of Virginia rules, issued by the Department of Labor and Industry under Title 40.1 of the Code of Virginia.
- 8) Grounding and Bonding for Electrical Systems will conform to NEC, local code, and be designed for compliance with BICSI 2003 TDDM 10th Edition.
- 9) All metallic conduit, boxes, and enclosures shall be permanently and effectively grounded in accordance with NEC. Metallic enclosures containing active equipment shall be grounded with due regard for minimization of electrical noise.
- 10) Structured Cabling work must be ANSI/TIA/EIA-568-B and TIA-569 compliant for all materials, labor, installation methods and practices.
- 11) All materials installed above ceiling shall be Plenum rated.
- 12) Outlet/connectors must comply with ANSI/TIA/EIA-568-B.
- 13) Unshielded Twist and Pair (UTP) outlet/connectors must be UL 1863 listed, non-keyed, 8 pin modular, constructed of high impact rated thermoplastic housing and must be third party verified and comply with ANSI/TIA/EIA-568-B.
- 14) Outlet/connectors provided for UTP cabling must meet or exceed the requirements for the cable provided.
- 15) Outlet/connectors must be terminated using a 110-style IDC 24 port circuit board, color-coded for T568B wiring only.
- 16) Each outlet/connector must be wired for T568B.
- 17) All data cabinets and racks must be Middle Atlantic brand or NNPS approved equivalent, bolted to the floor or wall, and grounded per manufacturer specifications.
- 18) All cabinets and racks must be positioned to provide full functionality and serviceability with the smallest possible footprint.
 - i) Locations will be approved by NNPS prior to any data rack being bolted in place.
 - ii) There must be a minimum of two and one half feet distance between the data cabinets/ racks and walls or existing equipment.
- 19) All backboards must be ¾" fire coded plywood and painted to match wall color.
- 20) All cables must be installed so as to be fully concealed within ceilings, walls, and columns; and fished into modular furniture as required.
 - i) All work area telecommunications outlets/connectors must be in flush mounted faceplates
- 21) Data/power poles must be used only when there is no other feasible method of routing and concealing cables.
 - i) Where it is not practicable to fish walls or otherwise conceal cable in ceilings and walls the Contractor may use a Category 5e/6/6e compliant surface raceway system and matching surface-mount outlet box, if applicable.
 - ii) Any poles or surface raceway systems installed by the Contractor must be approved in advance by NNPS to ensure that it is compatible with space plans and office décor.
- 22) Cable support hardware installed above suspended ceilings may not be mounted on or in any way supported by the ceiling grid, panels, support channels, or vertical ceiling supports such as ceiling support wires or rods.
 - i) All cables routed above ceilings must be suspended in keeping with all applicable standards and supported within conduit, cable tray, "J" hooks, or functionally equivalent open-top support systems.

- ii) Cables must not sag more than 12" between cable supports.
 - iii) Cables must be loosely bundled and follow hallways and common areas and be installed in keeping with ANSI/TIA/EIA-568-B, Commercial Building Standard for Telecommunications Pathways and Spaces.
 - iv) ANSI/TIA/EIA-568-B, Commercial Building Standard for Telecommunications Pathways and Spaces standards for spacing, routing, and cable sag must be followed and be in compliant with all applicable building codes.
- 23) All data cables and patch cables installed in a Category 5e, Category 6, and Category 6e installations must be certified as such.
- i) Splices, kinks, twists, and defects of any nature will not be accepted by NNPS and the Contractor must, at its own expense, replace any section of cable identified by NNPS.
- 24) All end device data connectors must be installed in Leviton single or double gang (as required by electrical box) wall plate with designation labels.
- 25) All cables must be labeled using mechanically generated labels at each end in two places, 12 inches apart starting at two inches from the sheath end.
- 26) All cables in the Main Distribution Frame (MDF) and Intermediate Distribution Frame (IDF) are to have a ten foot service loop in proper service loop management devices as described in the Labeling and Service Loop section.
- 27) Twelve strand multi-mode or single-mode fiber cable shall be pulled between the MDF and each IDF for the backbone uplinks.
- i) Fibers are to be terminated in fiber distribution panels with four feet of fiber cable from the strain relief to the connectors.
 - ii) For existing fiber trays system straight tip (ST) type connectors are to be used.
 - iii) For all new fiber tray systems local connector (LC) type connectors are to be used.
- 28) All exposed cables below the ceiling line must be enclosed in conduit or raceway. Except in the case of data racks, where minimal openings will be made in the ceiling tile and cables will be run neatly bundled to the interior of data rack via a ladder rack when needed.
- 29) Electrical boxes mounted flush in the wall will either be mounted at 18 inches or 40 inches AFF as specified by NNPS.
- i) Single gang boxes will have a one and one half inch conduit stubbed in for wire management and terminated above ceiling line with proper bushing
 - ii) Double gang boxes will have two one and one half inch conduit stubbed in for wire management and terminate above ceiling line with proper bushing.
 - iii) All surface electrical boxes mounted on a concrete type surface will be secured with concrete type anchor bolts.
 - iv) All surface electrical boxes mounted on a gypsum type surface will be secured with toggle type bolts.
- 30) Raceways, where used on block, must be mechanically fastened with three devices (top, middle, and bottom) that fully penetrate into the block cell or one inch to one and one quarter inch deep if solid.
- 31) Bushings must be installed on all conduit stub outs, conduits, and sleeves.
- i) Conduit traversing a firewall, or in any other instance where devices transit a firewall, the Contractor must meet all codes and requirements for proper fire-stop materials and methods
- 32) Contractor must provide warranty documentation for all network components. Contractor must specify the terms and conditions of warranty support. On acceptance, Contractor will provide itemized "Packing List" of all components installed including serial #'s and date of acceptance to satisfy all manufacturer requirements for warranty.

D) ROOM DATA DROP TYPES

1) Student data drops must be installed in each classroom and will consist of:

- i) One single gang box
- i) If an existing conduit and electrical box is installed/available and with approval from NNPS then existing equipment may be used by the Contractor.

- ii) Where conduit and boxes do not exist, a new single gang box will be installed 18 inches AEF, unless otherwise specified by NNPS, and raceway will be installed as described in the Cable Plant Requirement section.
 - iii) Room data drops must have a five foot service loop secured with a single "j" hook above the ceiling line over the conduit or raceway and secured with a single tie strap.
 - iv) All horizontal cables will originate from the DF to designated locations and approved by NNPS within the classroom.
 - ii) Five enhanced Category 5e, Category 6, and Category 6e data drops in a single gang box terminated with a blue Leviton snap-in jack in a Leviton quick-port wall plate with designation labels.
- 2) System Integration (SI) Panels must be installed in each classroom and will consist of:**
- i) One double gang box,
 - (1) If an existing conduit and electrical box is installed/available and with approval from NNPS then existing equipment may be used by the Contractor.
 - (2) Where conduit and boxes do not exist, a new double gang box will be installed 40 inches AEF, unless otherwise specified by NNPS, and raceway
 - (3) SI cabling must have a five foot service loop secured with a single "j" hook above the ceiling line over the conduit or raceway and secured with a single tie strap.
 - (4) All horizontal cables will originate from the DF to designated locations and approved by NNPS within the classroom.
 - ii) One enhanced Category 5e, Category 6, or Category 6e data drop terminated with a blue Leviton snap-in jack in a Leviton quick-port wall plate with designation labels.
 - iii) One HDMI type connection for the classroom television/projector system
 - iv) One universal serial bus connection for the classroom interactive whiteboard system
- 3) Computer Lab Data Drops will consist of the following:**
- i) Approximately 35 category 5e, 6, or 6e data drops.
 - 1) All horizontal cables will originate from the DF or Lab rack to designated locations and approved by NNPS within the lab.
 - 2) If no suitable DF is meets industry requirements then a new data rack will be installed in the lab and adhere to the requirements set forth in the Cable Plant Requirement section.
 - ii) Designated locations will consist of up to six enhanced Category 5e, Category 6, and Category 6e data drops terminated with a blue Leviton snap-in jack in a Leviton quick-port wall plate with designation labels.
 - 1) If an existing conduit and electrical box is installed/available and with approval from NNPS then existing equipment may be used by the Contractor.
 - 2) Where conduit and boxes do not exist, a new single gang box will be installed 18 inches AEF, unless otherwise specified by NNPS, and raceway will be installed as described in section A Cable Plant Requirements.
 - 3) Lab data drops must have a five foot service loop secured with a single "j" hook above the ceiling line over the conduit or raceway and secured with a single tie strap.
- 4) Labeling and Service Loops**
- i) Contractor must follow current and addenda and revisions of TIA/EIA Administration Standard for Commercial Telecommunications Infrastructure.
 - ii) Labeling:
 - 1) All horizontal cables must be labeled twice on each end, twelve inches between the labels, which will start two inches from the cut sheathing using mechanically generated labels (hand written labels are not authorized).
 - a) Labeling convention will be provided by NNPS.
 - 2) All patch panels and faceplates must be labeled using mechanically generated labels (hand written labels are not authorized) and correspond with each termination end of the data drop.
 - a) Labeling convention will be provided by NNPS.
 - iii) Service Loops:
 - (1) Service loops are to be above the ceiling line where space permits.
 - a) Locations for DF service loops will be approved in advance by NNPS.
 - (2) A minimum of five feet will be will be coiled up and tied off above the ceiling line over the conduit or raceway at the device plate for the service loop.
 - a) Service loop will be secured with a single "j" hook and single tie strap.

- (3) Data rack cabling will have a minimum of ten feet for a service loop.
 - a) Cable ladder racks will be used to secure the data rack cabling down the wall and into the data rack.
 - b) Service loop will be located above ceiling tile when possible utilizing cable tray, J hooks, or other NNPS approved methods.
 - c) All data rack service loops hardware and installation must be approved by NNPS prior to any installation.
- 5) **Public Address (PA) System and Master Clock System (Clock) Installation and Maintenance:**
 - i) New Installations
 - (1) This contract is for Bogen® Communications, Inc. products or approved equivalent. Specifications shall meet those of the Bogen Quantum Multicom IP Intercom System or approved equivalent at a minimum.
 - (2) There shall be no changes, substitutions, or modifications to the list of equipment provided in the Proposal without approval by the District first.
 - (3) All cables route back to the PA room utilizing existing cable trays and pathways.
 - (4) Cables terminated on 66 style termination blocks in the PA room and labeled in accordance with NNPS labeling standards as described in the Labeling and Service Loops sections.
 - (5) All cable runs will conform to NNPS wiring standards as described in the Cable Plant section.
 - (6) Install shielded plenum 22/2 or 22/4 speaker wire as specified by NNPS.
 - (7) Install NNPS specified ceiling mounted speakers in locations determined by NNPS.
 - (8) Speakers shall be 8 ohm with a 25-volt transformer regardless if it is a horn, baffle, or ceiling.
 - (9) Cafeterias, Kitchens, Gyms, and Auditoriums must have sufficient audio amplification to be heard clearly.
 - (10) Hallway speaker placement will ensure proper sound projection and not exceed 36'.
 - (11) All new wiring shall be minimum #22-gauge shielded (plenum) single pair or approved alternate for classrooms. New wiring for hallway zones, horns or any other end points Tapped over 1 Watt shall be minimum of #18 gauge shielded (plenum) single pair or approved alternate. Wiring of #18-gauge plenum shall be of different colored jacket than #22-gauge wiring. All new wiring shall be a home run from the punch block to each classroom speaker and zone. All connections are to be made inside back can of speaker or junction box. All junction boxes shall be label PA/SPK on outside of cover plate. Connections must be made using DC-100-P (Dolphin Clips) displacement connector.
 - (12) Mount Pa/Intercom call back buttons in Learning Cottages at a height of 54 inches AFF
 - (13) New installs should include two console phones. One should be installed at the headend and the other console should be installed in the main office. The exact location of the office console will be determined at the beginning of the installation.
 - (14) New system equipment rack shall include a CD/iPod dock and AM/FM Tuner.
 - (15) New system equipment rack shall include electronic surge protection with active automatic voltage regulation of the correct size shall be installed by vendor to protect the equipment.
 - (16) Cafeterias, Kitchens, Gyms, Auditoriums, Media Center, Hallways, and outside speakers shall be wired independently of other rooms. The new system must have the ability to select these areas to receive program material. The system shall have the ability to be zoned to a minimum of 12 global zones separate from independent classroom areas.
 - (17) The system shall be rack-mounted Card Cage and have the capacity to provide from 24 to 240 port communication capability per system without the need for additional electronics or hardware. The size of system will be determined during planning and walk-through. Installation shall allow for a minimum of 25% growth to accommodate future classroom expansion.
 - (18) The PA system and clock controller shall be configured for network connectivity. NNPS Technology will provide IP setting information. This connectivity shall provide remote diagnoses and configuration for both systems.
 - (19) Installation should include openings, cutting, coring, and patching of openings in existing building construction as required. Patching includes openings and voids left in existing construction because of the installation of the new system or demolition of the old system. Patching materials shall match existing materials in type and quality and be done in a manner to match the appearance of adjacent surfaces.

- (20) After the new systems are online and the staff is using them all old PA wiring, speakers, and clocks shall be removed by the contractor.
- (21) The vendor shall furnish all equipment, accessories and material required for the installation of a comprehensive PA and Clock system in strict compliance with these specifications. Any material and/or equipment necessary for the proper operation of the system, which is not specified or described herein, shall be deemed part of this specification.
- (22) Vendor must be a Certified Reseller/Dealer/Installer of the proposed Manufacturer's products, and shall provide warranty repairs for all equipment offered. The manufacturer's representative shall provide a letter with submittals from the manufacturer of all of the major equipment stating that the manufacturer's representative is an authorized distributor. This letter shall also state the manufacturer guarantees service performance for the life of the equipment, and that there will always be an authorized distributor assigned to service the Newport News. The supplying vendor shall have attended the manufacturer's installation and service school. A certificate of this training shall be provided with the vendor's submittal.

ii.) Maintenance of Existing Bogen PA and Clock Systems

- (1) The vendor shall show satisfactory evidence that it maintains a fully equipped service organization capable of furnishing adequate inspection and service to new and existing systems. The selected vendor shall possess the knowledge and equipment to diagnose equipment and field wiring faults, including but not limited to Volt/Ohm meters, Impedance bridges, and cable faultfinders. The vendor shall maintain at its facility the necessary spare parts in the proper proportion as recommended by the manufacturer to maintain and service the equipment.
- (2) The vendor must have certified Bogen Technicians that would perform warranty repairs.

6) Installation of NNPS owned SMART Interactive White Boards ("IWB"), SMART Interactive White Board with the SMART Unified Projector ("uIWB"), and Integrated and Stand-alone mounted video projectors (the "DLP")

- i) The uIWB\IWB:
 - (1) Mounted on a wall determined by NNPS
 - (2) Mounting hardware and installation of the uIWB\IWB shall be approved by NNPS prior to any installations.
 - (3) All mounting and wiring shall be in accordance with the Cable Plant Requirement section.
 - (4) When mounting the IWB over existing boards with trays the SMART SB3-7 mounting bracket shall be used.
 - (5) The uIWB\IWB shall be mounted with safety for students and staff members in mind.
 - (6) Equipment shall not be mounted in a way that poses a safety hazard to anyone.
 - (7) The mounting of the uIWB\IWB shall be in accordance with the manufacturer's specifications.
 - (8) The contractor shall also ensure conducting hardware such as washers, gourmets, bushings, spacers, etc. shall NOT be used for the mounting of the uIWB\IWB systems thus preventing the system from "shorting out" which impacts/degrades the touch feature of the system.
- ii) The uIWB \IWB USB SPEAKERS:
 - (1) Shall be mounted onto the uIWB\IWB in accordance with NNPS requirements and manufacturer requirements
- iii) The DLP:
 - (1) Display direction of DLP shall be determined by the mounting point of the IWB.
 - (2) Mounting hardware and installation of the DLP shall be approved by NNPS prior to any installations
 - (3) DLP systems shall be ceiling mounted utilizing manufacturers approve hardware via ceiling grid inlay type mounting plates.
 - a. The contractor will install and secure the additional safety wiring as specified in the manufacturer's installation instructions.
 - b. Contractor is responsible for ensuring all incidentals and configurable items are available to accommodate a variety of installation scenarios.
 - c. Mounting poles will provide cable management and all cables for the projector will be concealed in the mounting pole.
 - d. The 15 pin VGA cable, 3.5 mini audio cable, RCA style video cable, and HDMI cable shall be installed back to existing teacher interface panel.
 - (4) Mounting of uIWB\IWB will either be on a blank concrete or gypsum type board wall and in some cases over a chalk, cork, or dry erase board.

- (5)The contractor shall also ensure conduction hardware such as washers, gourmets, bushings, spacers, etc. shall NOT be used for the mounting of the uIWB\IWB systems thus preventing the system from "shorting out" which impacts/degrades the touch feature of the system.
- iv) Mounting Heights
- (1) At no time is the contractor permitted to drill through a chalk tray.
 - (2) Mounting height shall be specified by NNPS depending grade level.
 - (3)The uIWB interface panel shall be mounted on the right side of the board and not the bottom of the board.

7) Data/Power Poles

- i) Data/power poles must be used only when there is no other feasible method of routing and concealing cables
- ii) Where it is not practicable to fish walls or otherwise conceal cable in ceilings and walls the Contractor may use Category compliant surface raceway systems and matching surface-mount outlet box if applicable.
- iii) Raceways, where used on block, must be mechanically fastened with three devices (top, middle, and bottom) that fully penetrate into the block cell or one inch to one and one quarter inch deep if solid.
- iv) Any poles or surface-mount systems installed by the Contractor must be approved in advance by NNPS to ensure that it is compatible with space plans and office décor.

8) Grounding

- i) Grounding and bonding for electrical systems will conform to NEC, local codes, and be designed for compliance with BICSI 2003 TDDM 19th Edition requirements including TIA-607 standard and all addendums.
- ii) All metallic conduit, boxes, and enclosures shall be permanently and effectively grounded in accordance with NEC. Metallic enclosures containing active equipment shall be grounded with due regard for minimization of electrical noise.

9) Fire Stopping

- i) Products may be in the form of caulk, putty, strip, sheet, or devices that shall be specifically designed to fill holes, spaces, and voids at communications penetrations. Fire stopping materials shall also provide adhesion to substrates and maintain fire and smoke seal under normal expected movements of substrates, conduits, and cables.
- ii) New and existing raceways, cable trays, and cables for power, data, and communications systems penetrating non-rated and fire-rated floors, walls, and other partitions of building construction shall be fire stopped where they penetrate new or existing building construction.
- iii) Fire stopping shall be accomplished by using a combination of materials and devices, including penetrating raceway, cable tray, or cables required to make up complete fire stop.
- iv) Verify that cabling and other penetrating elements and supporting devices have been completely installed and temporary lines and cables have been removed.
- v) Select appropriate type or types of through penetration fire stop devices or systems appropriate for each type of communications penetration and base each selection on criteria specified herein.
- vi) Selected systems shall not be less than the hourly time delay ratings for each respective fire-rated floor, wall, or other partition of building construction. Fire stop for each type of communications penetration shall conform to requirements of an independent testing laboratory design drawing or manufacturer's approved modification when used in conjunction with details shown on the drawings.
- vii) Perform all necessary coordination with trades constructing floors, walls, or other partitions of building construction with respect to size and shape of each opening to be constructed and device or system approved for use in each instance.
- viii) Coordinate each fire stop selection with adjacent work for dimensional or other interference and for feasibility. In areas accessible to public and other "finished" areas, fire stop systems work shall be selected, installed, and finished to the quality of adjacent surfaces of building construction being penetrated.
- ix) Use materials that have no irritating or objectionable odors when fire stopping is required in existing buildings and areas that are occupied.
- x) Provide damming materials, plates, wires, restricting collars, and devices necessary for proper installation of fire stopping. Remove combustible installation aids after fire stopping material has cured.
- xi) All fire stops shall be installed in accordance with the manufacturer's instructions in order to maintain the specific rating assigned by the independent testing laboratory.

- xii) Additional requirements for existing penetrations are as follows:
 - (1) Existing raceways, cable trays, and cabling that penetrate existing building construction shall be fire stopped to the extent necessary to fill cavities that may exist between existing building construction and existing communications penetrations or existing conduit sleeve, and between existing conduits and existing conduit sleeve.
 - (2) Assemblies consisting of individual steel hat type restricting collars filled with intumescent type materials that completely surround communications penetration shall be used for nonmetallic raceways and cabling.
- xiii) If required by inspecting authorities:
 - (1) Expose and remove fire stopping to the extent directed by inspecting authority to permit his or her inspection.
 - (2) Reinstall new fire stopping and restore work where removed for inspection.

10) Sleeves:

- i) Provide sleeves for new conduit and cable penetrations of building construction as appropriate.
 - (1) Openings to accept sleeves in new building construction will be formed in building construction by the Division's Contractor for General Construction Work.
 - (2) Use galvanized rigid conduit/intermediate metallic conduit/electrical metallic tubing/schedule 40 PVC sleeves for penetrations through exterior masonry/concrete walls and foundations, concrete floor slabs on grade and above grade, and concrete-filled decks.
 - (3) Use only fire-rated listed assemblies for the type of sleeve being installed through CMU walls or gypsum walls for communications penetrations. Sleeve type shall be galvanized rigid conduit/intermediate metallic conduit/electrical metallic tubing/schedule 40 PVC.
- ii) Where conduits are installed before building construction, install sleeves loosely around conduits. Split, fit, and weld steel sleeves over existing conduits.
- iii) Secure sleeves firmly in place using filling and patching materials (grout) that match with surrounding construction.
- iv) In floor penetrations, extend sleeve 4" above finished floor unless noted otherwise.
- v) In wall penetrations, cut sleeves flush with wall surface and use metal escutcheon plates in finished interior areas.
- vi) Seal voids between sleeves and building construction with joint sealants. Make allowances for and coordinate the work with installation of fire stopping, conduit insulation, and waterproofing, as applicable.
- vii) The Contractor shall be fully responsible for final and correct location of sleeves.
- viii) Sleeves, which are omitted or incorrectly located in existing building construction, shall be corrected and provided by the Contractor.

11) Penetrations of Building Surfaces

- i) Above Grade Level or Non-waterproof Areas:
 - (1) Seal each annular space between conduits or cable and building surfaces. Pack space with Oakum, other rope packing, or backer rod materials and cover with fire-resistant sealant or other protection materials.
 - (2) Provide sleeves for conduit and cable penetrations. Seal each space between conduit or cable and sleeve. Sealing shall be as specified in above paragraph.
- ii) Waterproof Areas (Above and Below Grade):
 - (1) In new and existing construction for penetrations through concrete below grade, ground water level or in other waterproof areas, provide through-wall and floor seals having galvanized fittings, sealing assemblies, and sleeves.
 - (2) In existing construction when core bore drilled openings are used for conduit penetrations below grade, ground water level, or in other waterproof areas, provide sealing.
- iii) Fire-resistant Areas:
 - (1) Provide through-penetration fire stop systems for penetrations through fire-rated walls, floors, and other partitions of building construction as specified in the Fire Stopping section.
 - (2) In walls or partitions with 2-hour or less fire ratings, provide only metallic outlet or device boxes installed per UL Fire Resistance Director, NEC, and other national building code requirements.

12) Cable Trays and Supports

- i) The installation of all cabling, regardless of type and separation requirements, from the MDF to various zones throughout the facility, will use common pathway routes.

- ii) All cable installations which are not supported by a cable tray or conduit system must follow the TIA/EIA standard methodology.
- iii) With the exception of portable equipment, all boxes, conduits, cabinets, equipment and related wiring shall be held firmly in place and the mounting shall be plumb and square. All boxes shall be rigidly and securely mounted to building structure. All boxes shall be installed so that wiring contained in them is accessible. Install blanking devices or threaded plugs in all unused holes.
- iv) Inaccessible ceiling areas, such as lock-in ceiling tiles, drywall or plaster, will not be used as distribution pathways. Should the Contractor find inaccessible ceiling areas as the only available pathway, the Contractor will notify NNPS personnel immediately for direction prior to proceeding with the cable installation.
- v) Accessible ceiling areas must have adequate and suitable space available for the distribution layout (minimum of three inches clear vertical space between ceiling tiles and distribution wiring and pathway).
- vi) The design shall provide a suitable means and method for supporting cables and wires from the MDF room (and/or telecommunications closet) to the area being served. The cable will not be laid directly on the ceiling tiles or rail, except where the Division agrees that the existing architecture environment deviates from any specific requirements to meet TIA/EIA standards.
- vii) The Contractor will provide cable support through the use of open-top cable supports located on 48-60 inch centers. Where large quantities of cables (50-75) are bunched together in the ceiling at a congested area, the Contractor will use multiple open-top cable supports or a special support designed to carry the additional weight.
- viii) All supporting structures and enclosures that are located in an area visible to the users of the facility and supplied by the Contractor not having a standard factory paint finish shall be painted in a manner approved by the Division. Provide, as may be required, custom color and/or finish for any equipment or materials supplied which are exposed to public view. Color and finish of all such equipment or materials shall be submitted to NNPS for approval. This excludes equipment or materials where standard colors and finishes are specified herein, unless otherwise noted.

13) Inspections

- i) Contractor must implement a two-step inspection process for each phase:
- ii) First inspection step must be completed by the Contractor's RCDD and/or project manager. The inspection must include a written certification of inspection. The contractor may fix any punch list items discovered during this phase. Written certification is presented to NNPS upon completion of inspection.
- iii) Second inspection step will be accomplished by NNPS. NNPS will provide written notice of acceptance or notification of necessary punch list repairs. Contractor must accompany the NNPS during this inspection.
- iv) Testing of UTP cables and Fiber Optic Cables:
 - (1) All UTP cabling will be tested with the WireScope 350 or Fluke DSP/DTX certified to meet and or exceed the specifications as set forth in the Link Performance Testing Specifications in the Transmission Performance Specifications for Field Testing of Unshielded Twisted-Pair Cabling Systems, TIA/EIA TSB-67 level II, for Category 5e, Category 6, and Category 6e basic links, or TIA/EIA TSB-95 for Category 5e, Category 6, and Category 6e.
 - (2) Certifications must include the following parameters for each pair of each cable installed:
 - a. Wire map (pin to pin connectivity)
 - b. Length (in feet)
 - c. Attenuation
 - d. Near End Crosstalk (NEXT)
 - e. Far End Crosstalk (FEXT)
 - f. ELFEXT
 - g. Attenuation/Crosstalk Ratio (ACR)
 - h. Return Loss
 - i. Propagation Delay
 - j. Delay Skew
- v) All fiber optic cables will be tested after termination
 - (1) Each cable segment will be tested using a Fluke DSP/DTX, both to determine the installed length and continuity.
 - (2) All individual fibers of each cable segment will be tested using a power meter to determine the actual loss. These readings will be taken at the 850 nm and 1300 nm windows for multimode.
 - (3) Testing will be performed in both directions.
 - (4) The final readings will be listed on the Test Results. These readings must not be higher than the "Optimal Attenuation Loss" (OAL).

- (5) Installed lengths plus the manufacturer's best published attenuation losses for the connector and/or splice installed on this project (0.25 for connectors and 0.10 for splices).
- (6) The OAL must be used for comparison with the end to end power loss test results prior to acceptance by the project manager.
- (7) Test equipment must provide an electronic and printed record of these tests. NNPS reserves the right to hire an independent testing company to spot check the test results. If the results vary more than 10% from the results provided by the Contractor, the Contractor will be required to prove his results are correct or retest the entire system.

14) Post-Installation Submittals

- i) All Data/Voice, Fiber-Optic, PA, Video, and other systems must be delivered and installed as a turnkey system unless specified by NNPS.
 - ii) All electronic copies for the as-built drawings are to be in AutoCAD format, version to be set by NNPS if required as well as PDF drawings.
 - iii) Electronic test results for each copper and fiber cable will be provided to NNPS at the completion of each job.
- (1) All debris generated by the Contractor must be picked up and lawfully disposed of at the conclusion of each day.

SPECIAL INSTRUCTIONS TO THE BIDDER:

A. Definitions:

Issuing Office:

Wherever used in this Invitation for Bid, Issuing Office will be:

Shaelee Jones, Assistant Procurement Specialist
Newport News Public Schools Purchasing Department
12465 Warwick Boulevard
Newport News, VA 23606-3041
Phone: (757) 591-4525
Fax: (757) 591-4593
Email: shaelee.jones@nn.k12.va.us

NNPS Contract Administrator:

Wherever used in this Invitation for Bid and for purposes of any notices under this contract, the NNPS Contract Administrator will be:

William Chambers, Coordinator of Technology Infrastructure, Technology Department
Newport News Public Schools, 12511 Warwick Blvd., Suite A ,
Newport News, VA 23606
Phone: (757) 881-5461, x12130
Email: william.chambers@nn.k12.va.us

B. Contact with NNPS Staff, Representatives, and/or Agents:

Direct contact with NNPS staff, representatives, and/or agents other than Purchasing Department staff on the subject of this IFB or any subject related to this IFB is expressly prohibited except with the prior knowledge and permission of the Purchasing Supervisor.

C. Pre-Bid Conference and Site Visits: N/A

D. Bidders of Record:

Offerors receiving a copy of this IFB from a source other than the Issuing Office via www.eva.virginia.gov must contact the Issuing Office and provide Offeror's name, address, contact person, telephone and fax numbers, and the IFB Item Number. Offeror will be added to the eVA Planholders' list and will receive notifications of any addenda to the IFB.

E. Questions:

Submit questions regarding the Invitation for Bid in writing to the Issuing Office at Shaelee.jones@nn.k12.va.us **no later than 11:00 a.m., December 17, 2020** prior to the opening date of this IFB. Necessary replies will be issued to all Bidders of record as addenda that shall become part of the contract documents. Oral instructions do not form a part of the bid documents.

Bidder is responsible for checking the www.eVA.virginia.gov web site or contacting the Issuing Office within 48 hours prior to bid opening to secure any addenda affecting this IFB.

F. Changes or Modifications:

Changes or modifications to this Invitation for Bids made prior to the date and time of opening will be addressed by addenda from the Issuing Office. Acknowledge receipt of addenda in the space provided on the cover page of this Invitation for Bid. Oral modifications shall not form a part of the Bid documents. This IFB and any addenda shall be incorporated, by reference, into any resulting contract.

G. Bid Submittal Requirements:

1. Each Bid shall be submitted to the Issuing Office electronically and will include the following documents:
 - a. The cover page of this Invitation to Bid, which will contain:
 - (1) BID TOTAL cost;
 - (2) Original signature of an agent authorized to bind the company;
 - (3) Delivery time;
 - (4) Payment terms;and
 - (5) Acknowledgment of any addenda on page one (1);
 - b. Attachment "A" – Labor Pricing Schedule, Attachment "B" – Parts Pricing Schedule and Attachment "C" – Scenario Quote
 - c. Completed and signed anticollusion/nondiscrimination clauses on page 2 of this IFB
 - d. Completed and signed Certification of Debarment on page 28 of this IFB
2. Due to the COVID-19 National Emergency Declaration, Newport News Public Schools will now only accept electronic copies of the requested Bid. To maintain the integrity of the sealed bid process, bidders must e-mail their bids to the following e-mail address: IFB03NNPS@nn.k12.va.us prior to the due date and time specified in the IFB documents including any addenda issued. The date/time stamp on the e-mail with the proposal attachment is considered the delivered due date and time. NNPS personnel will not be able to access this e-mail inbox until after the due date and time specified on the IFB as amended. Do not send routine correspondence to this e-mail, only the bid files. Do not send hard copies of the IFB as NNPS buildings will be inaccessible and all mail/courier services have been suspended/disrupted until the buildings are back open again.

H. Proprietary Information/Disclosure:

Bidder is advised that the Virginia Public Procurement Act (Section 2.2-4342, Code of Virginia, 1950 as amended) shall govern public inspection of all records submitted by Bidder. Specifically, if Bidder seeks to protect any proprietary data or materials, pursuant to Section 2.2-4342, Bidder shall:

- (i) invoke the protections of this section prior to or upon submission of the data or other materials,
- (ii) identify the data or other materials to be protected,
- (iii) state the reasons why protection is needed.

Furthermore, the Bidder shall submit proprietary information under separate cover, and NNPS reserves the right to submit such information to the NNPS attorney for concurrence of the Bidder's claim that it is in fact proprietary. References may be made within the body of the bid to proprietary information; however, all information contained within the body of the bid not labeled proprietary or otherwise not meeting all three of the requirements of Section 2.2-4342 shall be public information in accordance with State statutes. Trade secrets or proprietary information submitted by an Bidder in conjunction with this IFB are not subject to public disclosure under the Virginia Freedom of Information Act (VFOIA). However, Bidder must invoke the protection of the VFOIA prior to or upon submission of the data or other materials.

Information submitted that does not meet the above requirements will be considered public information in accordance with the VFOIA.

An all-inclusive statement that the entire bid is proprietary is unacceptable. A statement that Bidder's costs and/or bid pricing are to be protected is unacceptable. Bidder will be requested to remove any such statement(s) in order to be eligible for further evaluation and award.

I. Notice of Award:

Any contract resulting from this IFB will be publicly posted for inspection in the NNPS Purchasing Department, 12465 Warwick Boulevard, Newport News, Virginia.

J. Award:

The award of contracts shall be at the sole discretion of NNPS. Unless cancelled or rejected, a responsive bid from the lowest responsible bidder shall be accepted as submitted, except that if the bid from the lowest responsible bidder exceeds available funds, in such case NNPS may negotiate with the apparent low bidder to obtain a contract price within available funds. NNPS reserves the right to accept or reject any or all bids in whole or in part and to waive any informalities in the process. Further, NNPS reserves the right to enter into any contract deemed to be in NNPS' best interest. Should NNPS, in its sole discretion, determine that it is in NNPS' best interest to award separate contracts for one or more of the parts and products requested herein, NNPS reserves the right to award a contract to more than one Bidder.

K. Withdrawal of Bids:

A bidder for a contract may request withdrawal of his or her bid under the following circumstances:

A bidder may withdraw his bid from consideration if the bid cost was substantially lower than the other bids due solely to a mistake in the bid, provided the bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a bid, which unintentional arithmetic error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the bid sought to be withdrawn.

If a bid contains both clerical and judgment mistakes, a bidder may withdraw his bid from consideration if the bid cost would have been substantially lower than the other bids due solely to the clerical mistake, that was an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a bid that shall be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the bid sought to be withdrawn.

Requests for withdrawal of bids prior to opening of such bids shall be transmitted to the NNPS Purchasing Agent in writing.

Requests for withdrawal of bids after opening of such bids but prior to award shall be transmitted to the NNPS Purchasing Agent, in writing, accompanied by full documentation supporting the request. The bidder shall give notice in writing of his claim of right to withdraw his bid within two (2) business days after the conclusion of the bid opening procedure and shall submit original work papers with such notice. If bid bonds were tendered with the bid, NNPS reserves its right to exercise collection.

No bid may be withdrawn under this section when the result would be the awarding of the contract on another bid of the same bidder or of another bidder in which the ownership of the withdrawing bidder is more than five percent. If a bid is withdrawn under the authority of this paragraph, the lowest remaining bid shall be deemed to be the low bid. No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor to or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid was submitted.

L. Disposition of Bids:

All materials submitted in response to this IFB shall become the property of NNPS. One (1) copy of each bid will be retained for official files. Said copy will become public record after award of the contract and will be open to public inspection subject to the Proprietary Information/Disclosure section of this IFB.

M. Cost of Responding:

This solicitation does not commit NNPS to pay any costs incurred by the Bidder or any other party in the preparation and/or submission of bids or in making necessary studies or designs for the preparation thereof, nor is NNPS obligated to procure or contract for such services.

GENERAL TERMS AND CONDITIONS

A. Contract Document:

This document, its addenda, any additional information requested, and negotiated changes will constitute the final contract, hereafter referred to as "this contract". These documents will be incorporated by reference into the NNPS purchase order awarding this contract. All time limits stated in the contract documents, including but not limited to the time for completion of the work, are of the essence of the contract. This contract shall be governed by the contract documents in the following order of precedence:

- 1) This document and any negotiated changes to the foregoing documents.
- 2) Bidder's Bid document with Attachment "A" – Labor Pricing Schedule, Attachment "B" – Parts Pricing Schedule And Attachment "C" – Scenario Quote

B. Contract Modification(s):

After award, any and all modifications to this contract shall be mutually agreed to by both parties, in writing, and authorized by the NNPS Purchasing Agent or his designee. NNPS' standard method to modify contracts is issuance of a change order (purchase order).

C. Bidder Obligation:

Bidder shall carefully examine the contents of this Invitation for Bid and any subsequent addenda. Failure to do so shall not relieve the Successful Bidder of its obligation to note any exceptions and to fulfill the requirements of this contract.

D. Conditions of Work:

Bidders shall inform themselves fully of the conditions relating to services required herein. Failure to do so will not relieve a Successful Bidder of the obligation to furnish all goods and/or services necessary to carry out the provisions of this contract.

E. Bid Binding For One-Hundred Twenty (120) Days:

Bidder agrees that this bid shall be binding and may not be withdrawn for a period of one-hundred twenty (120) calendar days after the scheduled closing date of this Invitation for Bid.

F. Prime Contractor:

If in its performance of this contract, Successful Bidder supplies goods or services by or through another party or subcontractor, Successful Bidder agrees that:

1. Successful Bidder shall act as the prime contractor for the goods and services to be provided under contract and shall be the sole point of contact with regard to all obligations under this contract.
2. Successful Bidder represents and warrants that Successful Bidder has made third parties or subcontractors aware of the proposed use and disposition of the other party's products or services, and that such other party has agreed in writing that it has no objection and that NNPS is not liable to such third parties or subcontractors for any work performed under this contract.

The use of subcontractors and the work they perform must receive the prior written approval of NNPS. NNPS will designate a Contract Administrator to approve such work. Successful Bidder shall be solely responsible for all work performed and materials provided by subcontractors. Successful Bidder shall be responsible for the liability of subcontractors for the types and limits required of the Successful Bidder under this contract.

G. Subcontractors:

Successful Bidder's use of subcontractors and the work they are to perform must receive written approval from the NNPS Contract Administrator at least ten (10) calendar days prior to the work being performed. Successful Bidder shall be solely responsible for all work performed and materials provided by subcontractors. Successful Bidder shall be responsible for the liability of subcontractors for the types and limits required of the Successful Bidder.

H. Non-Assignment:

Successful Bidder shall not assign its rights and duties under this Agreement without the prior written consent of the NNPS Contract Administrator.

I. Antitrust:

Any perceived anti-trust violation shall be reported to the State Attorney General for possible enforcement of anti-trust laws.

J. Anticollusion/Nondiscrimination Requirements Form:

The attached "Anticollusion/Nondiscrimination Requirements" form, on page 2 of this IFB, shall be executed by Bidder and is to be submitted with Bidder's bid. The requirements set forth on said form shall be considered to be binding terms and conditions in any contract resulting from this IFB. A contract will not be awarded to a Bidder who has not signed the anticollusion/nondiscrimination statement.

K. Compliance with Federal, State, and Local Laws and Federal Immigration Law:

Contractor does not, and shall not during the performance of the contract for goods and services in the Commonwealth, knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.

L. Compliance with State Law; foreign and domestic businesses authorized to transact business in the Commonwealth:

- Contractor organized as a stock or nonstock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership shall be authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Title 13.1 or Title 50 or as otherwise required by law. Contractor shall not allow its existence to lapse or its certificate of authority or registration to transact business in the Commonwealth, if so required under Title 13.1 or Title 50, to be revoked or cancelled at any time during the term of the contract. NNPS may void any contract with the Contractor if the Contractor fails to remain in compliance with the provisions of this section.

M. Hold Harmless/Indemnification:

It is understood and agreed that Successful Bidder hereby assumes the entire responsibility and liability for any and all material damages to persons or property caused by or resulting from or arising out of any act or omission on the part of Successful Bidder, its subcontractors, agents or employees under or in connection with this Contract or the performance or failure to perform any work required by this Contract. Successful Bidder agrees to indemnify and hold harmless NNPS and its agents, volunteers, servants, employees and officials from and against any and all claims, losses, or expenses, including reasonable attorney's fees and litigation expenses suffered by any indemnified party or entity as the result of claims or suits due to, arising out of or in connection with (a) any and all such damages, real or alleged, (b) the violation of any law applicable to this Contract, and (c) the performance of the work by Successful Bidder or those for whom Successful Bidder is legally liable. Upon written demand by NNPS, Successful Bidder shall assume and defend at Successful Bidder's sole expense any and all such suits or defense of claims made against NNPS, its agents, volunteers, servants, employees or officials.

N. Notices:

All notices, requests, demands, and elections under this contract, other than routine operational communications, shall be in writing and shall be deemed to have been duly given on the date when hand-delivered, or on the date of the confirmed facsimile transmission, or on the date received when delivered by courier that has a reliable system for tracking delivery, or six (6) NNPS business days after the date of mailing when mailed by United States mail, registered or certified mail, return receipt requested, postage prepaid. All notices shall be addressed to the following individuals:

- To NNPS: NNPS Contract Administrator as designated in this IFB.
- To Successful Bidder: Successful Bidder's Contract Administrator as defined in Successful Bidder's bid.

Either party may from time to time change the individual(s) to receive notices and/or its address for notification purposes by giving the other party written notice as provided above.

O. Non-Responsive Performance:

Delivery Delays: NNPS reserves the right to procure goods and/or services to be provided under this contract from other sources in the event Successful Bidder fails to deliver such goods and/or service deliverables in accordance with delivery dates and time frames set forth in this contract.

Unacceptable Deliveries (Rejections): Upon notification by NNPS that goods and/or service deliverables provided by the Successful Bidder under this contract are damaged and/or not of the quality specified by NNPS, such goods and/or service deliverables will be rejected. Successful Bidder shall replace such rejected goods and/or service deliverables immediately or within a reasonable time as determined by NNPS.

Successful Bidder shall remove all rejected materials, equipment or supplies from the premises of NNPS within ten (10) days of notification. Rejected goods and/or service deliverables not removed from NNPS' premises within ten (10) days will be regarded as abandoned, shall become the property of NNPS, and NNPS shall have the right to dispose of such items.

NNPS Purchase from Alternate Sources:

- NNPS reserves the right to authorize immediate purchase from other sources against delayed deliveries and/or rejections. The Successful Bidder shall reimburse NNPS promptly for excess costs incurred by NNPS for such purchases. Any such purchases will be deducted from the contract amount. In the event NNPS' cost of obtaining goods and/or service deliverables from other sources is less, Successful Bidder shall have no claim to the difference.

Liability: Successful Bidder shall be liable to NNPS for all costs incurred by NNPS as a result of Successful Bidder's failure to perform in accordance with the contract. Successful Bidder's liability shall include, but not be limited to:

- Damages and other delay costs, to include costs to procure goods/services from alternate suppliers.
- Increased costs of performance, such as extended overhead and increased performance costs resulting from performance delays caused by Successful Bidder and/or rejections of Successful Bidder's goods and/or service deliverables.
- Warranty and rework costs, liability to third party, excess costs, attorney's fees and related costs incurred by NNPS due to non-responsive performance of Successful Bidder.

P. Termination Without Cause:

NNPS may at any time, and for any reason, terminate this Contract by written notice to Successful Bidder specifying the termination date, which shall be not less than thirty (30) days from the date such notice is mailed. Notice shall be given to Successful Bidder by certified mail/return receipt requested, addressed to the Successful Bidder's Contract Administrator. In the event of such termination, Successful Bidder shall be paid such amount as shall compensate Successful Bidder for the work satisfactorily completed, and accepted by NNPS, at the time of termination. In the event NNPS terminates this Contract, Successful Bidder shall withdraw its personnel and equipment, cease performance of any further work under this Contract, and turn over to NNPS any work completed or in process for which payment has been made.

Q. Termination With Cause/Breach:

In the event that Successful Bidder shall for any reason or through any cause be in default of the terms of this Contract, NNPS may give Successful Bidder written notice of such default by certified mail/return receipt requested, addressed to the Successful Bidder's Contract Administrator. Unless otherwise provided, Successful Bidder shall have ten (10) days from the date such notice is mailed in which to cure the default. Upon failure of the Successful Bidder to cure the default, NNPS may immediately cancel and terminate this Contract as of the mailing date of the default notice. Upon termination,

Successful Bidder shall withdraw its personnel and equipment, cease performance of any further work under the Contract, and turn over to NNPS any work in process for which payment has been made. In the event of violations of law, safety or health standards and regulations, this Contract may be immediately cancelled and terminated by NNPS and provisions herein with respect to opportunity to cure default shall not be applicable.

R. Breach of Contract:

Successful Bidder shall be deemed in breach of this contract if the Successful Bidder:

- Fails to comply with any terms of this contract
- Fails to cure noncompliances within ten (10) calendar days from the date of the NNPS written notice or such other time frame, greater than ten (10) calendar days, specified by the NNPS Contract Administrator in the notice.
- Fails to submit a written response to the NNPS notification of noncompliance within ten (10) calendar days after the date of the NNPS notice.

All notices under this contract shall be submitted, either by fax or certified mail, return-receipt requested, to the respective contract administrator. Successful Bidder shall not be in breach of this contract as long as its default was due to causes beyond the reasonable control of and occurred without any fault or negligence on the part of both the Successful Bidder and its subcontractors. Such causes may include, but are not restricted to, acts of God or of the public enemy, acts of NNPS in its sovereign capacity, fires, floods, epidemics, strikes, freight embargoes, and unusually severe catastrophic weather such as hurricanes.

S. Applicable Law:

This Contract shall be deemed to be a Virginia contract and shall be governed as to all matters whether of validity, interpretations, obligations, performance or otherwise exclusively by the laws of the Commonwealth of Virginia, and all questions arising with respect thereto shall be determined in accordance with such laws. Regardless of where actually delivered and accepted, this Contract shall be deemed to have been delivered and accepted by the parties in the Commonwealth of Virginia.

T. Compliance With All Laws:

Successful Bidder shall comply with all federal, state and local statutes, ordinances, and regulations now in effect or hereafter adopted, in the performance of this contract. Successful Bidder represents that it possesses all necessary licenses and permits required to conduct its business and/or will acquire any additional licenses and permits necessary for performance of this contract prior to the initiation of work. If the Successful Bidder is a corporation, Successful Bidder further expressly represents that it is a corporation of good standing in the Commonwealth of Virginia and will remain in good standing throughout the term of the contract and any extensions. All City of Newport News business license, personal property, real estate and other applicable tax requirements shall be met by Successful Bidder.

U. Venue:

Venue shall be in the Circuit Court of the City of Newport News, Virginia, and the United States District Court for the Eastern District of Virginia, Norfolk Division, compliant with applicable laws and regulations, as deemed appropriate by NNPS.

V. Severability:

If any provision of this contract is found by any court of competent jurisdiction to be invalid or unenforceable, the invalidity of such provision shall not affect the other provisions of this contract, and all other provisions of this contract shall remain in full force and effect.

W. Non-Appropriation of Funds:

It is understood and agreed between the parties herein that NNPS shall be bound hereunder only to the extent that the funds shall have been appropriated. In the event no funds or insufficient funds are appropriated, NNPS shall immediately notify the Successful Bidder of such occurrence and this Contract shall terminate on the last day funds are available without penalty or expense to NNPS of any kind whatsoever.

X. Tax Exemption:

NNPS is exempt from federal excise tax and from all State and local taxes. Successful Bidder shall not include such taxes in any invoices under this agreement. Upon request, NNPS will furnish the Successful Bidder with tax exemption certificates or the NNPS tax exempt number.

Y. Vendor's Invoices:

Successful Bidder shall submit to NNPS all invoices promptly upon completion of the requirements for installation, delivery, and acceptance of the Products and Services required under this contract. Invoices shall not include any costs other than those identified in the executed NNPS purchase order awarding this contract or any subsequent change orders issued by the NNPS Purchasing Division. All shipping costs are the Successful Bidder's responsibility, except to the extent such charges are identified in the executed NNPS purchase order or change orders. Successful Bidder's invoices shall provide at a minimum:

- Type and description of the Product or Service installed, delivered and accepted;
- Serial numbers, if any;
- Quantity delivered;
- Charge for each item;
- Extended total (unit costs x quantity);
- This IFB number and the NNPS Purchase Order Number.

Z. Contractual Disputes:

Any dispute concerning a question of fact as a result of a contract with NNPS which is not disposed of by agreement shall be decided by the NNPS Purchasing Agent, who shall reduce their decision to writing and mail or otherwise forward a copy thereof to the contractor within thirty (30) days. The decision of the NNPS Purchasing Agent shall be final and conclusive unless the contractor appeals within six (6) months of the date of the final written decision by instituting legal action as provided in the Code of Virginia. A contractor may not institute legal action, prior to receipt of the public body's decision on the claim, unless the public body fails to render such decision within the time specified. Contractual claims, whether for money or other relief, shall be submitted in writing no later than sixty days after final payment; however, written notice of the contractor's intention to file such claim shall have been given at the time of the occurrence or beginning of the work upon which the claim is based. Nothing herein shall preclude a contract from requiring submission of an invoice for final payment within a certain time after completion and acceptance of the work or acceptance of the goods. Pendency of claims shall not delay payment of amounts agreed due in the final payment.

AA. Warranty/Guarantee:

The Successful Bidder guarantees against defective or faulty material or workmanship for at least one (1) year or for the manufacturer's standard warranty period, whichever is greater, from date of acceptance by NNPS. To furnish adequate protection from damage for all work and to repair damages of any kind for which Successful Bidder or Successful Bidder's workmen are responsible, to the building or equipment, to Successful Bidder's own work, or to the work of others. Any merchandise or service provided under the contract which is or becomes defective during the warranty period shall be replaced by the Successful Bidder free of charge with the specific understanding that all replacements shall carry the same guarantee as the original equipment or service (one year or manufacturer's standard warranty period, whichever is greater, from the date of acceptance of the replacement). The Successful Bidder shall make any such replacement immediately upon receiving notice from NNPS.

BB. Payment Terms:

To be eligible for payment, all labor, equipment and materials covered under Successful Bidder's invoice must be completed and accepted by NNPS. NNPS agrees to make payments under this contract within thirty (30) days after receipt of a correct invoice for such payment. Where payment is made by mail, the date of postmark shall be deemed to be the date of payment. Any amounts due NNPS under the terms of this or any other agreement may be applied against Successful Bidder's invoices with documentation for the basis of the adjustment attached. In no event shall any interest penalty or late fee accrue when payment is delayed because of disagreement between NNPS and Successful Bidder regarding the quantity, quality, time of delivery, or other noncompliance with the contract requirements for any Product or Service or the accuracy or correctness of any invoice. Payment terms offering a "prompt payment discount" of 20 days or greater will be considered in the evaluation of bids. All other payment terms shall be net thirty (30) calendar days or greater. Payment terms not specified by Bidder shall be Net 45 days.

Special Educational or Promotional Discounts:

The contractor shall extend any special educational or promotional sale prices or discounts immediately to Newport News Public Schools during the term of the contract. Such notice shall also advise the duration of the specific sale or discount price.

CC. Prompt Payment

NNPS will promptly pay for completed, delivered goods or services accepted under this Contract by the payment date established. The required payment date will be either: (i) the date on which payment is due under the terms of this Contract for the provision of the goods or services; or (ii) if a date is not established by this Contract, not more than forty-five (45) days after goods or services are received or not more than forty-five (45) days after the invoice is rendered, whichever is later.

Within twenty (20) days after the receipt of the invoice or goods or services, NNPS shall notify the supplier of any defect or impropriety that would prevent payment by the payment date. Should NNPS fail to pay the Contractor by the pay date, finance charges may be assessed by the Contractor. Unless otherwise provided under the terms of this Contract, interest will accrue at the rate of one percent (1%) per month. This will not apply to late payment provisions in any public utility tariffs or public utility negotiated Contracts. Contractor shall include in each of its subcontracts a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor.

In cases where payment to Contractor is made by mail, the date of postmark shall be deemed to be the date payment is made for purposes of this Contract.

Individual Contractors shall provide to NNPS their social security numbers and proprietorships, partnerships, and corporations to provide their federal employer identification numbers.

Within seven (7) days after Contractor receives payment from NNPS, Contractor shall take one or more of the following actions:

1. Pay all subcontractors for the proportionate share of the total payment received from NNPS attributable to the work performed by the subcontractors under this Contract;
2. Notify NNPS and all affected subcontractors, in writing, of Contractor's intention to withhold all or a part of each affected subcontractor's payment including the reason for nonpayment.
3. Pay interest to the subcontractor on all amounts owed by the Contractor that remain unpaid after (7) seven days following receipt by the Contractor of payment from NNPS for work performed by the subcontractor under that Contract, except for amounts withheld, as allowed in #2 above.

A Contractor's obligation to pay an interest charge to a subcontractor pursuant to the payment clause in this section shall not be construed to be an obligation of NNPS. A Contract modification will not be made for the purpose of providing reimbursement by NNPS for interest charges owed by Contractor. A cost reimbursement claim to NNPS shall not include any amounts for reimbursement of interest charges owed by Contractor.

DD. Payment by Electronic Funds Transfer

(a) Method of payment.

(1) All payments by Newport News Public Schools (NNPS) under this contract shall be made by electronic funds transfer (EFT) except as provided in paragraph (a)(2) of this clause. As used in this clause, the term "EFT" refers to the funds transfer and may also include the payment information transfer.

(2) In the event NNPS is unable to release one or more payments by EFT, the Contractor agrees to either—

- (i) Accept payment by check or some other mutually agreeable method of payment; or
- (ii) Request NNPS to extend payment due dates until such time NNPS makes payment by EFT (but see paragraph (d) of this clause).

(b) Mandatory submission of Contractor's EFT information.

(1) The Contractor is required to provide NNPS with the information required to make payment by EFT (see paragraph (j) of this clause). The Contractor shall provide this information directly to the NNPS Accounting Department (hereafter

referred to as "Accounting") no later than 15 days prior to submission of the first request for payment. In the event that the EFT information changes, the Contractor shall be responsible for providing the updated information to the Accounting.

(2) If the Contractor provides EFT information applicable to multiple contracts, the Contractor shall specifically state the applicability of this EFT information in terms acceptable to Accounting.

(c) Mechanisms for EFT payment. NNPS may make payment by EFT through the Automated Clearing House (ACH) network, subject to the rules of the National Automated Clearing House Association

(d) Suspension of payment.

(1) The NNPS is not required to make any payment under this contract until after receipt, by Accounting, of the correct EFT payment information from the Contractor. Until receipt of the correct EFT information, any invoice or contract financing request shall be deemed not to be a proper invoice for the purpose of prompt payment under this contract.

(2) If the EFT information changes after submission of correct EFT information, NNPS shall begin using the changed EFT information no later than 30 days after its receipt by Accounting to the extent payment is made by EFT. However, the Contractor may request that no further payments be made until the updated EFT information is implemented by Accounting. If such suspension would result in a late payment under the prompt payment terms of this contract, the Contractor's request for suspension shall extend the due date for payment by the number of days of the suspension.

(e) Liability for uncompleted or erroneous transfers.

(1) If an uncompleted or erroneous transfer occurs because NNPS used the Contractor's EFT information incorrectly, NNPS remains responsible for—

- (i) Making a correct payment;
- (ii) Paying any prompt payment penalty due; and
- (iii) Recovering any erroneously directed funds.

(2) If an uncompleted or erroneous transfer occurs because the Contractor's EFT information was incorrect, or was revised within 30 days of NNPS' release of the EFT payment transaction, and—

- (i) If the funds are no longer under the control of Accounting, NNPS is deemed to have made payment and the Contractor is responsible for recovery of any erroneously directed funds; or
- (ii) If the funds remain under the control of Accounting, NNPS shall not make payment and the provisions of paragraph (d) shall apply.

(f) EFT and prompt payment. A payment shall be deemed to have been made in a timely manner in accordance with the prompt payment terms of this contract if, in the EFT payment transaction instruction released to the Federal Reserve System, the date specified for settlement of the payment is on or before the prompt payment due date, provided the specified payment date is a valid date under the rules of the Federal Reserve System.

(g) EFT and assignment of claims. If the Contractor assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Contractor shall require as a condition of any such assignment, that the assignee shall provide the EFT information required by paragraph (j) of this clause to Accounting, and shall be paid by EFT in accordance with the terms of this clause. In all respects, the requirements of this clause shall apply to the assignee as if it were the Contractor. EFT information that shows the ultimate recipient of the transfer to be other than the Contractor, in the absence of a proper assignment of claims acceptable to NNPS, is incorrect EFT information within the meaning of paragraph (d) of this clause.

(h) Liability for change of EFT information by financial agent. NNPS is not liable for errors resulting from changes to EFT information provided by the Contractor's financial agent.

(i) Payment information. Accounting shall forward to the Contractor available payment information that is suitable for transmission as of the date of release of the EFT instruction to the Federal Reserve System. NNPS may request the Contractor to designate a desired format and method(s) for delivery of payment information from a list of formats and methods Accounting is capable of executing. However, NNPS does not guarantee that any particular format or method of delivery is available and retains the latitude to use the format and delivery method most convenient to NNPS. If NNPS makes payment by check in accordance with paragraph (a) of this clause, NNPS shall mail the payment information to the remittance address in the contract.

(j) EFT information. The Contractor shall provide the following information to Accounting. The Contractor may supply this data for this or multiple contracts (see paragraph (b) of this clause). The Contractor shall designate a single financial agent

per contract capable of receiving and processing the EFT information using the EFT methods described in paragraph (c) of this clause.

- (1) The contract number (or other procurement identification number).
- (2) The Contractor's name and remittance address, as stated in the contract(s).
- (3) The signature (manual or electronic, as appropriate), title, and telephone number of the Contractor official authorized to provide this information.
- (4) The name, address, and 9-digit Routing Transit Number of the Contractor's financial agent.
- (5) The Contractor's account number and the type of account (checking, saving, or lockbox).
- (6) If applicable, the Fedwire Transfer System telegraphic abbreviation of the Contractor's financial agent.
- (7) If applicable, the Contractor shall also provide the name, address, telegraphic abbreviation, and 9-digit Routing Transit Number of the correspondent financial institution receiving the wire transfer payment if the Contractor's financial agent is not directly on-line to the Fedwire Transfer System; and, therefore, not the receiver of the wire transfer payment.

NNPS Accounting Department Designated Contact:

Accounting Department
NNPS Administration Building
12465 Warwick Blvd.
Newport News, Virginia 23606
Tel: (757) 283-7850 Ext. 10724
Ray Reyes, Accounting Supervisor
Ray.Reyes@nn.k12.va.us

EE. Audits:

NNPS shall have the right to audit all books and records (in whatever form they may be kept, whether written, electronic or other) relating or pertaining to this Contract (including any and all documents and other materials, in whatever form they may be kept, which support or underlie those books and records), kept by or under the control of Successful Bidder, including, but not limited to those kept by Successful Bidder, its employees, agents, assigns, successors and subcontractors. Successful Bidder shall maintain such books and records, together with such supporting or underlying documents and materials, for the duration of this Contract and for at least three years following the completion of this Contract, including any and all renewals thereof. The books and records, together with the supporting or underlying documents and materials shall be made available, upon request, to NNPS, through its employees, agents, representatives, contractors or other designees, during normal business hours at Successful Bidder's office or place of business in Newport News, Virginia. In the event that no such location is available, then the books and records, together with the supporting or underlying documents and records, shall be made available for audit at a time and location in Newport News, Virginia, which is convenient for NNPS. This paragraph shall not be construed to limit, revoke, or abridge any other rights, powers, or obligations relating to audit which NNPS may have by state, city, or federal statute, ordinance, regulation, or agreement, whether those rights, powers, or obligations are express or implied.

FF. Non-Exclusivity:

NNPS reserves the right to procure goods or services covered under this contract from a third party when, in NNPS' sole discretion, it is deemed to be in NNPS' best interest.

SPECIAL TERMS AND CONDITIONS

A. Contract Term:

The initial contract will be for one (1) year, commencing upon issuance of the Purchase Order and expiring one (1) year thereafter.

B. Contract Extension:

This contract may be extended upon mutual agreement of both parties for four (4) additional, one (1) year renewal terms, upon the same prices, terms, and conditions set forth in the negotiated contract resulting from this IFB.

C. Time is of the Essence

Time is of the essence in this Contract. Successful Bidder expressly acknowledges that in the performance of its obligations, NNPS is relying on timely performance and will schedule operations and incur obligations to third parties in reliance upon timely performance by Successful Bidder and may sustain substantial losses by reason of untimely performance.

D. Insurance:

1. Contractor shall submit to the NNPS Contract Administrator certificates of insurance, prior to beginning work under the contract and no later than ten (10) days after award of the contract.

2. All policies of insurance required herein shall be written by insurance companies licensed to conduct the business of insurance in Virginia, and acceptable to Owner, and shall carry the provision that the insurance will not be cancelled or materially modified without thirty days (30) prior written notice to the Owner or to the extent permitted by Virginia law.

3. The certificates of insurance shall list NNPS, 12465 Warwick Boulevard, Newport News, Virginia, 23606-3041, as the additional insured for the specified projects as outlined in this IFB. Copies of actual endorsements to the policy shall be required to confirm any special request, such as, additional insured status. A COI shall not be issued or delivered that gives the impression there are coverage terms the referenced policy does not specifically provide.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY NOTIFY THE OWNER SHOULD ANY POLICY BE CANCELLED. FAILURE TO NOTIFY THE OWNER SHALL CONSTITUTE A MATERIAL BREACH OF THE CONTRACT.

4. Insurance shall be maintained during the entire term of the contract and shall be of the following forms and limits:

<u>Forms</u>	<u>Limits</u>
Workers' Compensation	Statutory
Automobile Liability	\$1,000,000 Combined Single Limit
Commercial General Liability, including Contractual Liability and Products and Completed Operations Coverage	\$1,000,000 Combined Single Limit
Miscellaneous Errors and Omissions with Intellectual Property Rights Coverage, Including Copyright Infringement	\$1,000,000
Umbrella/Excess Liability	\$5,000,000

The establishment of minimum limits of insurance by Owner does not reduce or limit the liability or responsibilities of the Contractor.

E. Bonds:

Unless otherwise noted, all surety documents required herein shall be received and approved by the NNPS Contract Administrator prior to beginning work under the contract and no later than five (5) days after issuance of the "Notice of Award" for this IFB. Each of the required bonds shall be payable to the Owner. Bonds shall be executed by one or more surety companies selected by Bidder which are legally authorized to issue bond and do business in the Commonwealth of Virginia. With the exception of any required Bid Bond, each of the above bonds shall be maintained through the term of the contract and any extensions. *Note in accordance with §2.2-4338, alternative forms of security in lieu of a bid, performance, or payment bond, a bidder may furnish a certified check, cashier's check, or cash escrow in the face amount required for the bond. If approved by the School Board attorney in advance and prior to submitting a bid, a bidder may furnish a personal bond, property bond, or bank or savings institution's letter of credit on certain designated funds in the face amount required for the bid, payment, or performance bond. Approval shall be granted only upon a determination that the alternative form of security proffered affords protection to the public body equivalent to a corporate surety's bond.

F. Unauthorized Disclosure of Information:

The Successful Bidder shall assume the entire responsibility and liability for any and all damages caused by or resulting from or arising out of the negligent or willful unauthorized disclosure of confidential information on the part of the Successful Bidder, its subcontractors, agents or employees under or in connection with this contract. The Successful

Bidder shall save harmless and indemnify NNPS and its agents, volunteers, servants, employees and officers from and against any and all claims, losses or expenses, including but not limited to attorney's fees, which either or both of them may suffer, pay or incur as the result of claims or suits due to, arising out of or in connection with, any and all such unauthorized disclosures, real or alleged. The Successful Bidder shall, upon written demand by NNPS, assume and defend, at the Successful Bidder's sole expense, any and all such suits or defense of claims alleging unauthorized disclosures of confidential information.

Any negligent or willful unauthorized disclosure of confidential information on the part of the Successful Bidder, its subcontractors, agents or employees under or in connection with this contract shall constitute a breach of the terms of this contract. NNPS may proceed by appropriate court action, including seeking injunctive relief, to prevent continuing unauthorized disclosures, and Successful Bidder shall save harmless and indemnify NNPS for court costs, litigation expenses and attorney's fees that it may pay or incur as the result of seeking to prevent or stop any and all unauthorized disclosures of confidential information.

G. Copyright/Patent Indemnity:

The Successful Bidder shall pay all royalty and license fees relating to the items covered by this contract. In the event any third party shall claim that the manufacture, use and sales of the goods supplied under this contract constitute an infringement of any copyright, trademark, or patent, the Successful Bidder shall indemnify NNPS and hold NNPS harmless from any cost, expense, damage or loss incurred in any manner by NNPS on account of any such alleged or actual infringement.

H. Escalation/De-escalation:

NNPS may consider price adjustments, after the initial contract term, based solely upon manufacturer price increases/decreases. Successful Bidder shall provide NNPS a written request for any such manufacturer increases. Such requests shall be addressed to the Issuing Office and shall be accompanied by written verifications of said price increases issued by the manufacturer. A minimum thirty (30) day advance notice period shall be required for such requests. Requests for price increase adjustments are subject to the review and approval of the NNPS Purchasing Agent. Successful Bidder shall apply and implement, immediately upon notification from manufacturer, any and all price decreases for items included under any contract resulting from this Invitation to Bid.

Any increase in cost shall not increase by a greater percentage than the percentage change in the Consumer Price Index – All Urban Consumers (CPI – U) for the applicable schedule of the Consumer Price Index published by the United States Department of Labor during the previous twelve months or Three Percent (3%) whichever is lower.

I. Certification Regarding Debarment:

This is to certify that this person/firm/corporation is not now debarred by the Federal Government or by the Commonwealth of Virginia or by any other state, or by any town, city, or county, from submitting Bids on contracts for construction covered by this solicitation, nor are they an agent of any person or entity that is now so debarred.

Name of Official

Title

Firm or Corporation

Date

J. Cooperative Procurement:

Section 2.2-4304 Code of Virginia (VPPA) will apply to this solicitation. Other Public Bodies may utilize any contract(s) issued pursuant to this solicitation by placing its own order(s) directly with the successful contractor(s). Newport News Public Schools acts only as the issuing agent and is not responsible for placement of orders, payment or discrepancies of

other participating Public Bodies. In the event these entities opt to participate under any contract awarded as a result of this solicitation, each will enter into a separate contract directly with the Successful Bidder or Bidders, incorporating all terms and conditions set forth in this contract, including incorporated best and final offers. Each entity will be responsible for the contract administration of its contract directly with the Contractor.

K. Criminal Background Check:

In accordance with Virginia §22.1-296.1, as a condition of awarding a contract for the provision of services that require the contractor or his employees to have direct contact with students on school property during regular school hours or during school sponsored activities, the school board shall require the contractor to provide certification that all persons who will provide such services have not been convicted of a felony or any offense involving the sexual molestation or physical or sexual abuse or rape of a child.

Any person making a materially false statement regarding any such offense shall be guilty of a Class 1 misdemeanor and, upon conviction, the fact of such conviction shall be grounds for the revocation of the contract to provide such services, and, when relevant, the revocation of any license required to provide such services. School Boards shall not be liable for materially false statements regarding the certifications required by this subsection.

This shall not apply to a contractor or his employees providing services to a school division in an emergency or exceptional situation, such as when student health or safety is endangered or when repairs are needed on an urgent basis to ensure that school facilities are safe and habitable, and when it is reasonably anticipated that the contractor or his employees will have no direct contact with students.

IFB Network Cabling
Attachment A:
Labor Pricing Schedule

PRICES: shall be in the form of a firm fixed unit price for each item during the contract term.

LABOR RATES			
LINE ITEM	DESCRIPTION	UOM	PRICE
1	Installation, termination and testing of Fiber Optic Cabling, excluding cost of incidental materials (connectors, faceplates, "J" hooks, cable ties, cable routing hardware, patch cords, wire managers, etc) per hour	HOUR	
2	Installation, termination and testing of Category 5e, 6, or 6e cabling, excluding cost of incidental materials (jacks, faceplates, "J" hooks, cable ties, cable routing hardware, patch cords, jumper wire, wire managers, etc.) per hour	HOUR	
3	Installation, termination and testing of RF equipment excluding cost of incidental materials (module jacks, faceplates "J" hooks, cable ties, cable routing hardware, patch cords, jumper wire, wire managers, etc.) per hour	HOUR	
4	Removal, transport, installation, and testing of NNPS owned Interactive White Boards and Projectors per hour.	HOUR	
	Average Price of Line Items 1, 2, 3, 4	TOTAL	

IFB Network Cabling
Attachment B:
Parts Pricing Schedule

PRICES: shall be in the form of a firm fixed unit price for each item during the contract term.

Equipment Pricing			
LINE ITEM	Description	UOM	PRICE
1	1000' Spool Superior Essex Marathon LAN Cat5e CMP (plenum) cable Part # 51-241-28	FOOT	
2	1000' Spool Superior Essex Marathon LAN Cat5e CMR (non-plenum) cable Part # 51-240-25	FOOT	
3	1000' Spool Superior Essex Series 77 Cat 6 CMP (plenum) cable Part # 77-240-2B	FOOT	
4	1000' Spool Superior Essex Series 77 Cat 6 CMR (non-plenum) cable Part # 77-240-2A	FOOT	
5	1000' Spool Superior Essex RG-6 Coax 80% Shielded CMP (plenum) cable Part # 78-16C-91	FOOT	
6	1000' Spool Superior Essex Trunk cable, Voice Backbone, Cat3 25 pair CMR (plenum) Part # 18-475-36	FOOT	

7	1000' Spool Corning Part # 012S88-33190-29 MIC Plenum Rated Cable, 12-Fiber multimode with laser-optimized Pretium-550 50 µm fiber. Must comply with Laser Multimode Fiber specifications in ANSI/EIA/TIA/492AAAC, OM3 Specifications in ISO/IEC 11801 2nd edition, and EN50173 2nd Edition.	FOOT	
8	1000' Spool Corning Part # 012S88-33180-29 MIC Plenum Rated Cable, 12-Fiber multimode with laser-optimized Pretium-300 50 µm fiber orange jacket, Must comply with Laser Multimode Fiber specifications in ANSI/EIA/TIA/492AAAC, OM3 Specifications in ISO/IEC 11801 2nd edition, and EN50173 2nd Edition.	FOOT	
9	1000' Spool Corning Part # 012k88-33130-29 Plenum Rated Cable, 12-Fiber multimode 62.5, orange jacket Must comply with Laser Multimode Fiber specifications in ANSI/EIA/TIA/492AAAC, OM3 Specifications in ISO/IEC 11801 2nd edition, and EN50173 2nd Edition.	FOOT	
10	1000' Spool Corning Part # 012E88-33131-29 MIC Plenum Rated Cable, 12-Fiber singlemode (OS2)	FOOT	
11	1000' Spool TF Trunk Cable RG-11 Superior ESSEX RG11 Plenum	FOOT	
12	1000' Spool of 18/2 Stranded Non-shielded Plenum cable (PTZ security camera cabling, security, speaker) TAPPAN Wire Part# 1880AB2/CMP	FOOT	
13	1000' Spool of 22/2c Stranded Shld Plenum TAPPAN Wire Part# 2280AB2M/CMP	FOOT	
14	1000' Spool Plenum-rated innerduct (duct only) 1"	FOOT	
15	1000' Spool Plenum-rated innerduct (duct only) 1 1/4"	FOOT	
16	1000' Spool Plenum-rated innerduct (duct only) 2"	FOOT	
17	1000' Spool Riser-rated innerduct (duct only) 1"	FOOT	
18	1000' Spool Riser-rated innerduct (duct only) 1 1/4"	FOOT	
19	1000' Spool Riser-rated innerduct (duct only) 2"	FOOT	
20	Erico Part # CAT32. Cable Hanger 2 'Loop Dia. "J Hook"	EACH	
21	Arlington Industries - MBC25 - MALLEABLE IRON 1/4 BEAM CLAMP	EACH	
22	3/4" Rigid EMT-Pipe and Conduit Hanger	EACH	
23	1" Rigid EMT-Pipe and Conduit Hanger	EACH	
24	1 1/4" Rigid EMT-Pipe and Conduit Hanger	EACH	
25	1 1/2" Rigid EMT-Pipe and Conduit Hanger	EACH	
26	1 3/4" Rigid EMT-Pipe and Conduit Hanger	EACH	
27	2" Rigid EMT-Pipe and Conduit Hanger	EACH	
28	3/4" Two hole pipe strap	EACH	
29	1" Two hole pipe strap	EACH	
30	1 1/4" Two hole pipe strap	EACH	
31	1 1/2" Two hole pipe strap	EACH	
32	1 3/4" Two hole pipe strap	EACH	
33	2" Two hole pipe strap	EACH	
34	3M CP 25WB+ Fire Barrier Sealant, 10.5 oz., Cartridge Type for caulk gun. Up to 4 hr. rating	EACH	
35	Leviton Part # 49255-Q89. QuickPort 12-Port Patch Panel	EACH	
36	Leviton Part # 40089-D. Mounting bracket for 12-port patch panel	EACH	
37	Leviton GigaMax Cat5e Rack mountable Patch Panel 24 ports Part # 5G596-U24	EACH	
38	Leviton eXtreme 6+ Rack mountable Patch Panel, 24-Port Part # 69586-U24	EACH	
39	Middle Atlantic Equipment Rack Model # WRK-40-32 or NNPS approved equivalent floor standing, 70 in tall. Pre-drilled, 19" TIA/EIA mounting, 40(U) Height, 32" deep	EACH	

40	Middle Atlantic Equipment Rack Model # WRK-44-32 or NNPS approved equivalent floor standing, 77 in tall. Pre-drilled, 19" TIA/EIA mounting, 44(U) Height, 32" deep	EACH	
41	Middle Atlantic Equipment Top Panels Model # MW-4FT or NNPS approved equivalent with Laser Knockouts for 4 4-1/2 in. Fans for Middle Atlantic WRK Series Enclosures	EACH	
42	Middle Atlantic Equipment Top Panels Model # MW-QFT-FC or NNPS approved equivalent with Laser Knockouts for 4 4-1/2 in. Includes quiet fans and fan controller for Middle Atlantic WRK Series Enclosures	EACH	
43	Middle Atlantic Equipment Side Panels (Pair) Model # SPN-44-312 or NNPS approved equivalent for WRK Series Enclosures	EACH	
44	Middle Atlantic Equipment Side Panels (Pair) Model # SPN-40-312 or NNPS approved equivalent for WRK Series Enclosures	EACH	
45	Middle Atlantic QFAN Equipment Rack Fan Model # QFAN or NNPS approved equivalent 4.5 in. 50 CFM Quiet AC Fan with Finger Guard	EACH	
46	Middle Atlantic Wall Mount Rack Model # DWR-10-22 or NNPS approved equivalent. Center section hinges for left or right opening, 10(U) Height, 22" Deep	EACH	
47	Middle Atlantic Wall Mount Rack Model # DWR-16-22 or NNPS approved equivalent. Center section hinges for left or right opening, 16(U) Height, 22" Deep	EACH	
	ALTERNATE BRAND & DESCRIPTION:	EACH	
48	Middle Atlantic Wall Mount Rack Model # DWR-18-22 or NNPS approved equivalent. Center section hinges for left or right opening, 18(U) Height, 22" Deep	EACH	
49	Middle Atlantic Wall Mount Rack Model # DWR-21-22 or NNPS approved equivalent. Center section hinges for left or right opening, 22(U) Height, 22" Deep	EACH	
50	Middle Atlantic Wall Mount Rack Model # DWR-24-22 or NNPS approved equivalent. Center section hinges for left or right opening, 24(U) Height, 22" Deep	EACH	
51	Middle Atlantic Wall Mount Rack Model # DWR-35-22 or NNPS approved equivalent. Center section hinges for left or right opening, 35(U) Height, 22" Deep	EACH	
52	Middle Atlantic Plexi Front Door for DWR Sectional Wall Mount Racks, Model #PFD-10 or NNPS approved equivalent.	EACH	
53	Middle Atlantic Plexi Front Door for DWR Sectional Wall Mount Racks, Model #PFD-16 or NNPS approved equivalent.	EACH	
54	Middle Atlantic Plexi Front Door for DWR Sectional Wall Mount Racks, Model #PFD-21 or NNPS approved equivalent.	EACH	
55	Middle Atlantic Plexi Front Door for DWR Sectional Wall Mount Racks, Model #PFD-24 or NNPS approved equivalent.	EACH	
56	Middle Atlantic Plexi Front Door for DWR Sectional Wall Mount Racks, Model #PFD-35 or NNPS approved equivalent.	EACH	
57	Middle Atlantic Plexi Front Door for DWR Sectional Wall Mount Racks, Model #PFD-40 or NNPS approved equivalent.	EACH	
58	Middle Atlantic Plexi Front Door for DWR Sectional Wall Mount Racks, Model #PFD-44 or NNPS approved equivalent.	EACH	
59	Middle Atlantic Main Rack Accessories: VCR rack shelf P/N RSH-4S	EACH	
60	Middle Atlantic Main Rack Accessories: 15A Vertical power strip P/N PD-1415C	EACH	
61	Main Rack Accessories: Blank spacer panels 1U	EACH	
62	Main Rack Accessories: Blank spacer panels 2U	EACH	
63	Main Rack Accessories: Blank spacer panels 4U	EACH	
64	Main Rack Accessories: Blank spacer panels 6U	EACH	
65	Middle Atlantic Part # HW500. 500 Piece 10-32 screw w/ washer	EACH	
66	Corning Pretium Connector Housing, 2 Panel Capacity, 1 Unit High # PCH-01U	EACH	
67	Corning Pretium Connector Housing, 4 Panel Capacity, 2 Unit High # PCH-02U	EACH	

68	Corning Pretium Connector Housing, 12 Panel Capacity, 4 Units High # PCH-04U	EACH	
69	Corning SpliceTray Holder for PCH-01U, accomodates 4 Type 2R or 2 Type 4R trays, # PC1-SPLC-04R	EACH	
70	Corning Fusion Splice Tray (0.2"), 6 Fiber Capacity, Heat Shrink, Reduced Length, # M67-068	EACH	
71	Corning CCH Connector Panel with 12 ST Compatible, MM 50 µm Laser Optimized, Ceramic Insert, Composite Housing, Threaded Adapters # CCH-CP12-E5	EACH	
72	Corning CCH Connector Panel with 6 LC Compatible, MM 50 µm Laser Optimized, Ceramic Insert, Composite Housing, Threaded Adapters # CCH-CP12-E4	EACH	
73	Panduit Front and Rear 1U Wire Managers Model# WMP1	EACH	
74	Panduit Front and Rear 2U Wire Managers Model# WPM2	EACH	
75	Panduit Front Managers, 1U Model# WMPF1	EACH	
76	Panduit Front Managers, 2U Model# WMPF2	EACH	
77	Blonder Tounge RF Taps Toner Cable - TGT-2	EACH	
78	Blonder Tounge RF Taps Toner Cable - TGT-4	EACH	
79	Blonder Tounge RF Taps Toner Cable - TGT-8	EACH	
80	Blonder Tounge Head-End Splitter Toner XGVS-16	EACH	
81	Blonder Tounge Head-End Combiner Toner XHC-12-1G	EACH	
82	Blonder Tounge Bi-Directional AMP P/N: 860A-30P	EACH	
83	Blonder Tongue Modulator, MAVM-S Modulator P/N 5992	EACH	
84	Blonder Tongue Sub Band Demodulator P/N AD-1opt17	EACH	
85	Blonder Tongue Band Separator/Filter P/N DSV-42	EACH	
86	Quiktron Part# 560-110-001 Category 5e Non-booted UTP patch cord 350Mhz 1ft	EACH	
87	Quiktron Part# 560-110-003 Category 5e Non-booted UTP patch cord 350Mhz 3ft	EACH	
88	Quiktron Part# 560-110-005 Category 5e Non-booted UTP patch cord 350Mhz 5ft	EACH	
89	Quiktron Part# 560-110-010 Category 5e Non-booted UTP patch cord 350Mhz 10ft	EACH	
90	Quiktron Part# 560-110-014 Category 5e Non-booted UTP patch cord 350Mhz 14ft	EACH	
91	Quiktron Part# 560-110-025 Category 5e Non-booted UTP patch cord 350Mhz 25ft	EACH	
92	Quiktron Part# 560-110-050 Category 5e Non-booted UTP patch cord 350Mhz 50ft	EACH	
93	Quiktron Part# 566-110-001 Category 6 Non-booted UTP patch cord, 1ft	EACH	
94	Quiktron Part# 566-110-003 Category 6 Non-booted UTP patch cord, 3ft	EACH	
95	Quiktron Part# 566-110-005 Category 6 Non-booted UTP patch cord, 5ft	EACH	
96	Quiktron Part# 566-110-007 Category 6 Non-booted UTP patch cord, 7ft	EACH	
97	Quiktron Part# 566-110-010 Category 6 Non-booted UTP patch cord, 10ft	EACH	
98	Leviton Part # 420801IS Single Gang 1 outlet/connector face plate with name plates	EACH	
99	Leviton Part # 420802IS Single Gang 2 outlet/connector face plate with name plates	EACH	
100	Leviton Part # 420804IS Single Gang 4 outlet/connector face plate with name plates	EACH	
101	Leviton Part # 420806IS Single Gang 6 outlet/connector face plate with name plates	EACH	
102	Leviton Part # 5G108-RL5 Category 5e RJ-45 Quick Port Connector	EACH	
103	Leviton Part # 61110-RL6 eXtreme® 6+ RJ-45 Quick Port Connector	EACH	
104	Leviton Part# 41108-RL3 Category 3 RJ-11 Quick Port Connector	EACH	
105	Leviton blank inserts Pack of 10 Part # 41084-BIB	EACH	
106	Leviton Part # 41290-DMI. MOS Wall plate, dual-gang, ivory	EACH	
107	Leviton Part # 41290-SMI. MOS Wall plate, single-gang, ivory	EACH	
108	Leviton Part # 41291-2QI. MOS Insert, 2-port QuickPort Adapter, 1 unit high, Ivory	EACH	

109	Leviton Part # 41293-HDI. MOS Insert, HD 15 Video Connector, Female-to-Female, Ivory	EACH	
110	Leviton Part # 41290-HDI. MOS HDMI insert, ivory	EACH	
111	Leviton Part # 40830-BIE. QuickPort RCA, Gold-Plated Connector with Black Stripe, Ivory	EACH	
112	Leviton Part # 40830-BIL. QuickPort RCA, Gold Plated Connector with Blue Stripe, Ivory	EACH	
113	Leviton Part # 40830-BIR. QuickPort RCA, Gold-Plated Connector with Red Stripe, Ivory	EACH	
114	Leviton Part # 40830-BIV. QuickPort RCA, Gold Plated Connector with Green Stripe, Ivory	EACH	
115	Leviton Part # 40830-BIY. QuickPort RCA, Gold Plated Connector with Yellow Stripe, Ivory	EACH	
116	Leviton Part # 40831-BI. QuickPort F-Type Adapter, Gold-Plated, Ivory	EACH	
117	Leviton Part # 41087-2IP. QuickPort Duplex Type 106 insert, 2 port, ivory	EACH	
118	Leviton Part # 41087-QIP. QuickPort Duplex Type 106 insert, 4 port, ivory	EACH	
119	Leviton Part # 80401-I. Decora Faceplate, Ivory	EACH	
120	Leviton Part # 41642-I. QuickPort Decora insert, 2 port, ivory	EACH	
121	Leviton Part # 41644-I. QuickPort Decora insert, 4 port, ivory	EACH	
122	Leviton Part # 41646-I. QuickPort Decora insert, 6 port, ivory	EACH	
123	Leviton Part # 40834-I. QuickPort HDMI connector, ivory	EACH	
124	Wiremold Part # V5741. Single Gang Switch & Receptacle Box, Flush type	EACH	
125	Wiremold Part # V5751. Single Gang Switch & Receptacle Box, Flush type	EACH	
126	Wiremold Part # V5751-2. Double Gang Switch & Receptacle Box, Flush type	EACH	
127	Wiremold Part # V5747. Single Gang Switch & Receptacle Box	EACH	
128	Wiremold Part # V5744. Single Gang Switch & Receptacle Box, extra deep	EACH	
129	Wiremold Part # V5744-2. Double Gang Switch & Receptacle Box, extra deep	EACH	
130	Leviton Part # 40066-M50. 66M1-50 connecting block, with hinged cover, 89D brackets and all mounting hardware	EACH	
131	Siemon Co Part # M1-50R. 66 Block with 25Pair Female Connector	EACH	
132	Allen Tel Part # AT630B-6. Wall phone plate	EACH	
133	Allen Tel Part # AT812-00. 12' Black telephone handset cord	EACH	
134	Allen Tel Part # 25-3-PP-15-GY. 15' 25 Pair Teleco MM cable	EACH	
135	Allen Tel Part # 25-3-PP-25-GY. 25' 25 Pair Teleco MM cable	EACH	
136	4 pair terminator strips for the 110 wiring block	EACH	
137	5 pair terminator strips for the 110 wiring block	EACH	
138	Quiktron Part# 810-112-01M. Multimode fiber jumper 62.5/125 ST-ST 1M	EACH	
139	Quiktron Part# 810-112-02M. Multimode fiber jumper 62.5/125 ST-ST 2M	EACH	
140	Quiktron Part# 810-112-03M. Multimode fiber jumper 62.5/125 ST-ST 3M	EACH	
141	Quiktron Part# 810-112-05M. Multimode fiber jumper 62.5/125 ST-ST 5M	EACH	
142	Quiktron Part# 810-132-01M. Multimode fiber jumper 62.5/125 ST-SC 1M	EACH	
143	Quiktron Part# 810-132-02M. Multimode fiber jumper 62.5/125 ST-SC 2M	EACH	
144	Quiktron Part# 810-132-03M. Multimode fiber jumper 62.5/125 ST-SC 3M	EACH	
145	Quiktron Part# 810-132-05M. Multimode fiber jumper 62.5/125 ST-SC 5M	EACH	
146	Quiktron Part# 811-012-01M. Multimode fiber jumper 62.5/125 ST-MTRJ 1M	EACH	
147	Quiktron Part# 811-012-02M. Multimode fiber jumper 62.5/125 ST-MTRJ 2M	EACH	
148	Quiktron Part# 811-012-03M. Multimode fiber jumper 62.5/125 ST-MTRJ 3M	EACH	
149	Quiktron Part# 811-012-05M. Multimode fiber jumper 62.5/125 ST-MTRJ 5M	EACH	

150	Quiktron Part# 810-L12-01M . Multimode fiber jumper 62.5/125 ST-LC 1M	EACH	
151	Quiktron Part# 810-L12-02M . Multimode fiber jumper 62.5/125 ST-LC 2M	EACH	
152	Quiktron Part# 810-L12-03M. Multimode fiber jumper 62.5/125 ST-LC 3M	EACH	
153	Quiktron Part# 810-L12-05M. Multimode fiber jumper 62.5/125 ST-LC 5M	EACH	
154	Quiktron Part # 850-L12-01M. Multimode fiber jumper 50/125 ST-LC 1M	EACH	
155	Quiktron Part # 850-L12-02M. Multimode fiber jumper 50/125 ST-LC 2M	EACH	
156	Quiktron Part # 850-L12-03M. Multimode fiber jumper 50/125 ST-LC 3M	EACH	
157	Quiktron Part# 850-L12-05M. Multimode fiber jumper 50/125 ST-LC 5M	EACH	
158	Quiktron Part# 850-LL2-01M. Multimode fiber jumper 50/125 LC-LC 1M	EACH	
159	Quiktron Part# 850-LL2-02M. Multimode fiber jumper 50/125 LC-LC 2M	EACH	
160	Quiktron Part # 850-LL2-03M. Multimode fiber jumper 50/125 LC-LC 3M	EACH	
161	Quiktron Part# 850-LL2-05M. Multimode fiber jumper 50/125 LC-LC 5M	EACH	
162	Quiktron Part # 820-447-01M Duplex fiber jumper Single Mode SC-SC 1M	EACH	
163	Quiktron Part # 820-447-02M Duplex fiber jumper Single Mode SC-SC 2M	EACH	
164	Quiktron Part # 820-447-03M Duplex fiber jumper Single Mode SC-SC 3M	EACH	
165	Quiktron Part # 820-447-05M Duplex fiber jumper Single Mode SC-SC 5M	EACH	
166	Quiktron Part # 810-L47-01M. Duplex fiber jumper Single Mode SC-LC 1M	EACH	
167	Quiktron Part # 810-L47-02M. Duplex fiber jumper Single Mode SC-LC 2M	EACH	
168	Quiktron Part # 810-L47-03M. Duplex fiber jumper Single Mode SC-LC 3M	EACH	
169	Quiktron Part # 810-L47-05M. Duplex fiber jumper Single Mode SC-LC 5M	EACH	
170	Quiktron Part # 2003-40511-025. 25ft Plenum-Rated HD15 SXGA M/M Monitor/Projector Cable with Low Profile Connectors	EACH	
171	Quiktron Part # 2003-40513-050. 50ft Plenum-Rated HD15 SXGA M/M Monitor/Projector Cable with Low Profile Connectors	EACH	
172	Quiktron Part # 2003-40257-050. 50ft Plenum-Rated HD15 UXGA M/M Monitor/Projector Cable	EACH	
173	Quiktron Part #. 2221-40524-025. 25ft Plenum-Rated Composite Video with Stereo Audio Cable	EACH	
174	Quiktron Part # 2220-40774-050. 50ft Plenum-Rated Composite Video + RCA Stereo Audio Cable	EACH	
175	Quiktron Part # 2101-41191-025. 25ft Pro Series Plenum HDMI® Cable	EACH	
176	Quiktron Part # 2101-41193-050. 50ft Pro Series Plenum HDMI® Cable	EACH	
177	Quiktron Part # 2003-40516-025. 25ft Plenum 3.5mm M/M Stereo Audio Low Profile Cable	EACH	
178	Quiktron Part # 2003-40518-050. 50ft Plenum 3.5mm M/M Stereo Audio Low Profile Cable	EACH	
179	Quiktron Part # 2101-40420-ADT. 90° Rotating HDMI® Female to HDMI® Male Port	EACH	
180	Quiktron Part # 2101-40303-003. 1m Value Series™ High Speed HDMI® Cable	EACH	
181	Quiktron Part # 2101-40305-009. 3m Value Series™ High Speed HDMI® Cable	EACH	
182	Chief Part # CMS440. Speed-Connect Above Tile Suspended Ceiling Kit	EACH	
183	Chief Part # CMA455. 2'x2' Suspended Ceiling Panel Kit	EACH	
184	Chief Part # SLBUW. Universal RPA Interface Bracket	EACH	
185	Chief Part # RPAUW. Universal Projector Mount (2nd Generation Interface Technology, White)	EACH	
186	Chief Part # CMS006W. White 6" Fixed Extension Column	EACH	
187	Chief Part # CMS009W. White 9" Fixed Extension Column	EACH	
188	Chief Part # CMS012W. White 12" Fixed Extension Column	EACH	
189	Chief Part # CMS018W. White 18" Fixed Extension Column	EACH	

190	Chief Part # CMS024W. White 24" Fixed Extension Column	EACH	
191	Chief Part # CMS036W. White 36" Fixed Extension Column	EACH	
192	Peerless Part # AEC006009-W. Adjustable Extension Column	EACH	
193	Peerless Part # PRGS-455. Ceiling Tile Kit with Mount	EACH	
194	Rapid Run Part # 2212-60012-035. 35' Runner	EACH	
195	Rapid Run Part # 2212-60012-050. 50' Runner	EACH	
196	Rapid Run Part # 2212-60012-025. 25' Runner	EACH	
197	Rapid Run Part # 2212-60018-002. Rapid Flying Lead	EACH	
198	Rapid Run Part # 2212-60032-001. Integrated Faceplate	EACH	
199	Rapid Run Part # 41043. HDMI Wall Plate	EACH	
200	Velcro Part # 170091. Velcro wrap strap, 3/4" x 8". 900 piece spool	EACH	
201	Panduit Part # BT2S-M. Cable Tie Metal Barb, 8"L for use in plenum spaces. 1000 Pack	EACH	
202	Panduit Part # BT3S-M. Cable Tie Metal Barb, 12.0"L for use in plenum spaces. 1000 Pack	EACH	
203	Ideal Part # 86-030. Quad Shield, F-Connector RG-6, 100/bag	EACH	
204	Ideal Part # 92-656. RG-6 Reg/Tri/Quad Compression F-Connector, Jar of 100	EACH	
205	Panduit Part # LD10EI6-A. Low Voltage 1-piece Single Channel Raceway with Adh. 6ft., Ivory	EACH	
206	Panduit Part # LD10EI8-A. Low Voltage 1-piece Single Channel Raceway with Adh. 8ft., Ivory	EACH	
207	Panduit Part # TF10EI-X. LD10 Low Voltage Tee Fitting	EACH	
208	Panduit Part # DCF10EI. LD10 Low Voltage Drop Ceiling / Entrance End Fitting	EACH	
209	Panduit Part # RAF10EI-X. LD10 Low Voltage Right Angle Fitting	EACH	
210	Panduit Part # ICF10EI-X. LD10 Low Voltage Inside Corner Fitting	EACH	
211	Panduit Part # OCF10EI-X. LD10 Low Voltage Outside Corner Fitting	EACH	
212	Panduit Part # CF10EI-X. LD10 Low Voltage Coupler Fitting	EACH	
213	AMP Part # 5-554720-3. Box of 100 RJ-45 connectors, solid core cooper	EACH	
214	3M Part # UY2. Box of 100 Scotchlok Connectors.	EACH	
215	Continuous-fiber polyline rated 200 lb. tensile strength. Rated not to rot or mildew.	FOOT	
216	Bogen HTA250A Single-channel 250W amp w/distribution transformer	EACH	
217	Bogen MCRMF Multicom Chassis	EACH	
218	Bogen QSPC1 Quantum Master Card	EACH	
219	Bogen MCSC Station Card	EACH	
220	Bogen MCACB Analog Card	EACH	
221	Bogen DST1 Digital Stereo AM/FM Tuner	EACH	
222	Bogen MCDS4 Administration Phone (includes PS4 power supply)	EACH	
223	Bogen MC512B Power Supply	EACH	
224	Bogen MC512Y2MC512 Y Extension Cable	EACH	
225	Bogen MC2626B Power Supply	EACH	
226	Bogen MCEAC Connector Cable for External Amplifier	EACH	
227	Bogen MCRCA45" Ribbon Cable Assembly	EACH	
228	Bogen MCRCA6060" Ribbon Cable Assembly	EACH	
229	Bogen SAX1R Stereo Input Module	EACH	
230	Bogen SPT-15A Exterior Horn Loudspeaker	EACH	
231	Bogen FMH15T Flange-Mounted Reentrant Horn Loudspeaker, 15, 7.0, 1.8, 0.9, 0.5, 0.25, or 0.125 watts for 25V systems	EACH	

232	Bogen BBFM6 Flush Mount Enclosure	EACH	
233	Bogen SGHD8Grille, Heavy-duty, Square, Off-white, Cast Aluminum w/Finely Perforated Mesh Insert	EACH	
234	Bogen FMHAR8 Adapter Ring, Fits FMH15T to 8" Speaker Opening of SGHD8 Grille	EACH	
235	Bogen MCTCA Telephone System Interface Card - 8 lines	EACH	
236	Bogen MCRRP Rack Panel for MCRM (Includes MCRM), 1-3/4" H	EACH	
237	Bogen MCOC Connector Card Assembly	EACH	
238	Bogen MCOCA Cable, 12" (Rack-Mounted systems only)	EACH	
239	Bogen RE84 Back Can	EACH	
240	Bogen TB8 Tile Bridge	EACH	
241	Bogen S86T725PG8W Ceiling Speaker	EACH	
242	Bogen MCAPI2 Audio Program Card Cage	EACH	
243	Bogen MCRMP Power Supply Rack Mounting Plate, 10-1/2"	EACH	
244	Bogen 252230 Pcs Connector Kit	EACH	
245	Middle Atlantic MV-RR44Rear Rack Rail Kit	EACH	
246	Middle Atlantic LACE-PVertical Lacing Rail	EACH	
247	Middle Atlantic LF Leveling Feet, Pack of 4	EACH	
248	Tascam CD-200BTCD Player, Blue Tooth Receiver	EACH	
249	Bogen BCMA-3R0-1000-1BCMA 3000 Series Master Clock w/Wireless Transmitter, Rack Mount, IP	EACH	
250	Bogen BCMA-300-WEBI-0Web Interface	EACH	
251	Bogen BCMA-1SM-0000-1 Wireless Repeater	EACH	
252	Bogen BCAL-2BS-12R-0Battery Operated Wireless Clocks, BCAL Series, 12" Round, Single Surface Mount, Analog	EACH	
253	Duracell E-DBATT Duracell PROCELL D Cell Battery	EACH	
254	Bogen BC35-M025 Transformer, 20KVA	EACH	
255	Bogen 35-MO30 Transformer, 30KVA	EACH	
256	Bogen BCBL-31S-404-4RSBL 1000 Series Wireless Digital Clock, 4.0" High Display, 4 Digit, 24V	EACH	
257	Bogen BCBD-008-404-0 Double Mount Black Metal Housing	EACH	
258	Bogen CA10A Call in Switch	EACH	
259	Bogen AT10A 10W Volume Knob	EACH	
260	Tappan P20032.1X 22/2 Shielded, 1K, Plenum	FOOT	
261	Tappan P20032.1X 22/4 Shielded, 1K, Plenum	FOOT	
262	Bogen CSD2X2U drop in speaker	EACH	
	Line Items 1 to 262	TOTAL	

Bid Total -Attachment "A" & Attachment "B" Totals	\$
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ATTACHMENT "C" – SCENARIO QUOTE

Network Cabling IFB

PA, Clock, and Data IFB Pricing for a Sample School

Responders are to provide a quote and a scope of work to install a turnkey PA System, Master Clock System, and CAT6A network drops as shown on the drawing. The quote be broken into the following sections:

- Parts and material cost
- Labor cost (to include amount of hours and rate(s) used)
- Administrative cost (detail costs)
- Total cost

Project Assumptions:

- Contractor to provide the rack to house the PA/Clock headend
- Network cabling will be terminated on new patch panels provided by the contractor in existing MDF and IDF racks
- Network drops will require the installation of latch duct raceway and Wiremold boxes at each location
- No metal conduit work will be required
- NNPS will be responsible for installing patch cables between patch panels and switches
- Jobsite parking within proximity of the school
- Secure space will be provided in the gym for storage and staging
- Clear and easy access will be provided
- Contractor will clean up daily
- All ceilings are 2'x4' drop ceiling tiles
- New ceiling tiles will be provided by NNPS for new ceiling mount speaker install











LABOR COSTS (include amount of hours and rate(s) used) \$ _____

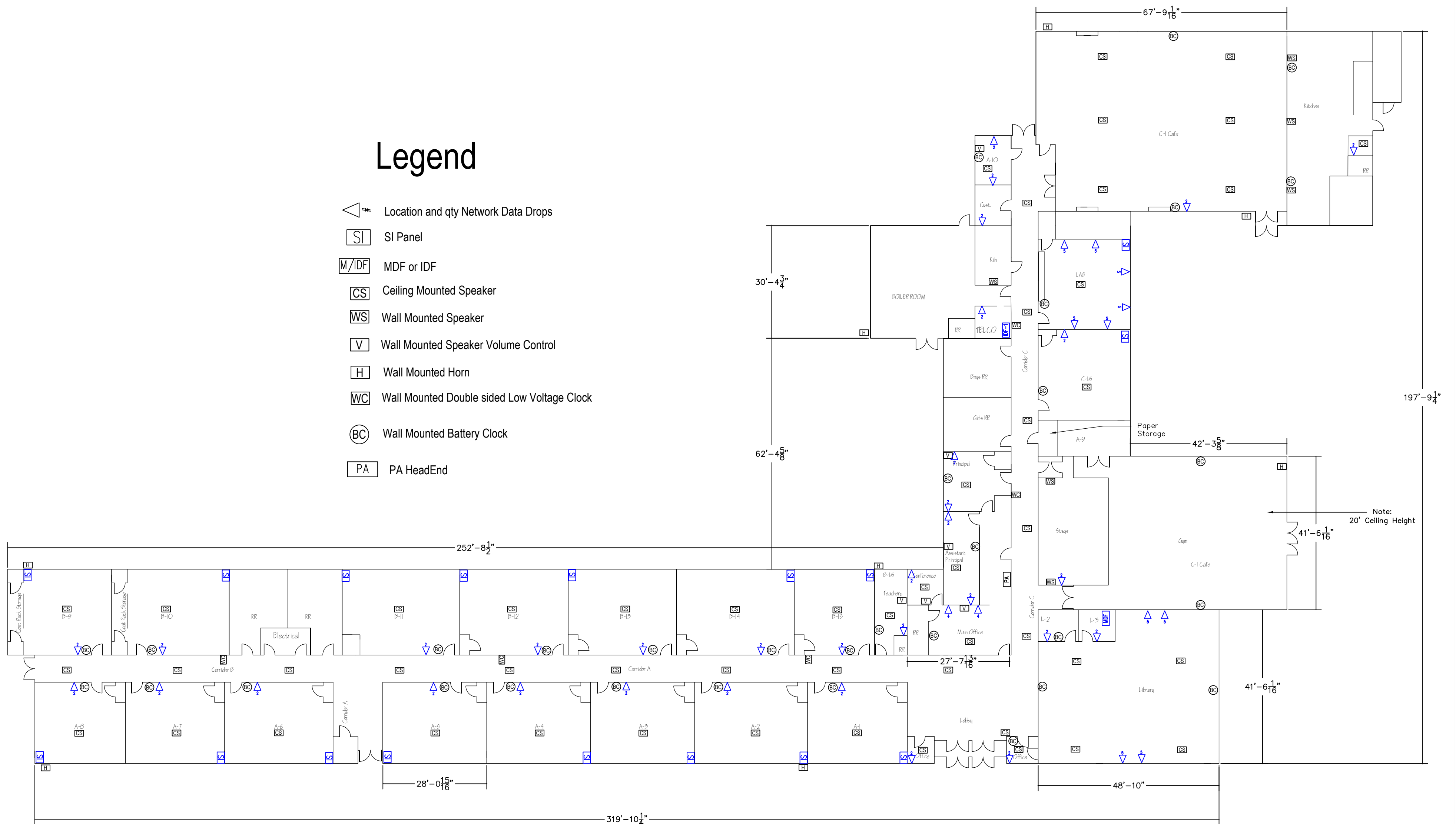
+ MATERIALS COST \$ _____

+ ADMINISTRATIVE COSTS (detail costs) \$ _____

= SCENARIO QUOTE TOTAL COST \$ _____

Legend

-  Location and qty Network Data Drops
-  SI Panel
-  MDF or IDF
-  Ceiling Mounted Speaker
-  Wall Mounted Speaker
-  Wall Mounted Speaker Volume Control
-  Wall Mounted Horn
-  Wall Mounted Double sided Low Voltage Clock
-  Wall Mounted Battery Clock
-  PA HeadEnd



Note:
20' Ceiling Height

Sample School



December 17, 2020

Addendum #1

FOR IMMEDIATE ATTENTION

TO: ALL BIDDERS

RE: IFB #003-0-2021SJ – Network Wiring Services, Maintenance & Installation

1. Responses to Bidders questions are as follows:

- Do you anticipate extending the bid due date? **NO, THE BID WILL STILL BE OPENED ON JANUARY 6TH, 2021 AT 2:01 P.M.**
- What additional details are you willing to provide, if any, beyond what is stated in bid documents concerning how you will identify the winning bid? **THE AWARD CLAUSE WILL NOT CHANGE – See SCOPE OF WORK, A) GENERAL REQUIREMENTS, 3)**
- Was this bid posted to the nationwide free bid notification website at www.mygovwatch.com? **NO, IT WAS NOT**
- Other than your own website, where was this bid posted? **eVA, WWW.EVA.VIRGINIA.GOV**

2. All other provisions of the IFB shall remain unchanged.

Signature: _____
(Bidder)

Sincerely,

Shaelee Jones,
Assistant Procurement Specialist