

6700 Browns Lake Road
Jackson, Michigan 49201
www.jcisd.org

**Jackson County
Intermediate School District
On Behalf of North Adams–Jerome Public Schools**

REQUEST FOR QUOTE (RFQ)

NAJPS Structured Cabling

PART I – Introduction

Jackson County Intermediate School District, on behalf of North Adams–Jerome Public School District (hereinafter referred to as “Customer” or the “District”) is soliciting bids to improve the Telecommunications Distribution System within the District’s schools and administrative facilities.

The Customer requests proposals for the installation, testing, and acceptance of the Telecommunications Distribution System described in the attached specifications and drawings by interested persons (hereinafter known as “Vendor”). Prices quoted shall be all-inclusive and represent complete installation at the sites shown on the attached drawings and in the attached specifications. Any addendums that are issued will be on the Customer’s web page and/or emailed to Vendors. The Vendor shall be responsible for all parts, labor, and all other associated apparatus necessary to completely install, test, and turnover for acceptance to the Customer the Telecommunications Distribution System detailed herein.

PART II – Scope

Equipment and Software

The district is in search of the installation and documentation of the work done. The proposed system should include the following specs:

All Buildings

The buildings that the district is looking for cabling in are as follows:

- NAJPS, 4555 Knowles Rd, North Adams, MI 49262

PART III – Instruction to Bidders

Overview

Jackson County ISD, will be accepting bids for “NAJPS Structured Cable” in accordance with the attached specifications.

Project Timeline

- RFQ Technical Questions Deadline – Thursday, January 14th 2021 at 4:00 p.m.
- Proposal Due Date –Thursday, January 21st 2020 at 1:00 p.m.
- Project Completion – TBD

RFQ Due Date and Location

This RFQ packet will be available on our website at the following link, <http://www.jcisd.org>, under the “About Us/Proposals/Bids” tab. Vendors are responsible for obtaining any updates or amendments to the RFQ from the website. Proposals are due by **Thursday, January 21st** no later than **1:00 p.m.**

The sole point of contact concerning this solicitation is:

Chris Kuntz
Jackson County Intermediate School District
6700 Browns Lake Road
Jackson, MI 49201

Attn: NAJPS Structured Cabling

Proposals must be delivered to Chris Kuntz, and received prior to this deadline to the address noted above. E-mails will be accepted. Submit e-mail responses to JCISDRFP@jcisd.org.

Submittals

Please include in your proposal the following items:

- An itemized list of all hardware items including quantity, description, part numbers, and cost separated by **building**.
- Quotes used when ordering.
 - Quotes **MUST** be separated by building.
- Timeline of project. This should be in terms of days and not exact dates.
- Certification of Compliance – Iran Economic Sanctions Act Form
- Contractor Agreement Form

Failure to submit all required submittals could be considered as non-responsive proposal.

Site Visit

We will be holding a virtual site visit on Friday, January 8th 2021 at 9:00 a.m. The site visit is optional, however, it is the responsibility of the vendor to include anything in their proposal that would be required for the project. In order to receive an invite to the site visit the vendor must fill out the intent to bid for attached. The invite will be sent out prior to the event to those people that have submitted the form. Form is due back no later than 2:00 p.m. on January 7th. The site will NOT be available at any other time during this bid window

PART IV – General Terms and Conditions

Consideration of Proposals

The Customer reserves the right to reject any and all quotes; to accept portions of bids and alternates in any order or combination; is not obligated to accept the lowest or any RFQ; and may waive any informality or irregularity in submittal procedures.

The Customer intends to award a contract to a qualified bidder, provided the RFQ has been submitted in accordance with the RFQ Document requirements, and does not exceed the Customer's available funds.

Verbal Orders

Verbal orders for additions to or deletions from this bid must be stated in writing and agreed upon by the Customer.

Technical Questions

Technical questions with regard to this bid document must be submitted in writing no later than **Thursday, January 14th** at 4:00 p.m.

No **other** interpretations of the meaning of this bid document will be made to any bidder verbally. Every request for such interpretation shall be emailed to:

Jackson County Intermediate School District

Attn: Chris Kuntz

Email: JCISDRFP@jcisd.org

It is the responsibility of the Vendors to determine whether all addenda have been received for the project.

Proposal Binding Period

Prices quoted in the Vendor's response for all labor and materials will remain in effect for a period of at least one hundred eighty (180) business days from the issuance date of the Vendor's response. Labor rates should remain in effect for the length of the project.

Warranty

Materials hereinafter specified and furnished shall be fully guaranteed by the Manufacturer for one year from transfer of title against any defects. Defects which may occur as the result of faulty materials within one year after installation and acceptance by the Customer shall be corrected by the Vendor at no additional cost to the Customer.

The Vendor shall promptly, at no cost to the Customer, correct or re-perform (including modifications or additions as necessary) any nonconforming or defective workmanship or labor within one year after completion of the project of which the work is a part.

The period of the Vendor's warranties for any items herein are not exclusive remedies, and the Customer has recourse to any warranties of additional scope given by the Vendor to the Customer and all other remedies available at law or in equity. The Vendor's warranties shall commence with acceptance of/or payment for the work in full.

If the Vendor procures equipment or materials under the Contract, the Vendor shall obtain for the benefit of the Customer equipment and materials warranties against defects in materials and workmanship to the extent such warranties are reasonably obtainable.

The Vendor shall pass along to the Customer any additional warranties offered by the manufacturers, at no additional costs to the Customer, should said warranties extend beyond the one-year period specified herein.

This warranty shall in no manner cover equipment that has been damaged or rendered un-serviceable due to negligence, misuse, acts of vandalism, or tampering by the Customer or anyone other than employees or agents of the Vendor. The Vendor's obligation under its warranty is limited to the cost of repair of the warranted item or replacement thereof, at the Vendor's option. Insurance covering said equipment from damage or loss is to be borne by the Vendor until full acceptance of equipment and services.

Price Stability

Contract prices and discounts shall be fixed at the time the contract is signed and deemed “approved” by the Customer and the Vendor. In the event of price changes, replacement equipment shall be purchased at the lower of contract or then current market price. In no case shall a price higher than contract price be paid for equipment proposed.

In the event that the Customer desires to purchase equipment or services not contained in the contract, future purchases will be determined using the Vendor–specified discount rate in the proposal from the manufacturer’s suggested retail price as of the date of the order.

In the case of discrepancy in computed proposal prices, the lowest combined value of individual unit costs shall prevail.

In no case shall the price exceed the favored Vendor prices.

Variation in Quantities and Configurations

Equipment and quantity requirements are the best estimates currently available. The Customer reserves the right to modify quantity and configuration requirements. The Vendor agrees to sell the Customer the revised quantity of items at the unit price as stated in the RFQ regardless of quantity changes.

E-rate Compliance

We are applying for category 2 E–rate funding for this project. When preparing the bid please take these things into consideration.

- A. E–rate eligible components in the response must meet the criteria specified by USF Category 2.
- B. All Vendors must have an E–rate SPIN designation, please include the SPIN# in your response.
- C. All Vendors must have a current Service Provider Annual Certification Form 473 on file with USAC.
- D. It is the Vendor’s responsibility to understand and comply with the rules and procedures required by the Schools and Libraries Corporation and the Universal Services Fund. If requested the successful Vendor will complete the SPI (Form 474) application.

All USF form processing and Vendor response preparation are solely the Vendor’s responsibility and the District is not responsible for ANY costs associated.

- E. Portions of this project may be contingent on approval of E-rate funding.
- F. Cost allocation will be determined where necessary by Client for purposes of devices with partial eligibility.
- G. Any considerations regarding SPI or BEAR form invoicing options required by the Vendor must be communicated with the response.

Project Manager/Forman

The Vendor will provide an on-site, full-time, Project Manager/Foreman who will act as a single point of contact for all activities regarding this project. The Project Manager/Foreman will be required to make on-site decisions regarding the scope of the work and any changes required by the work. The Project Manager/Foreman must be on the job at any time work is being performed or workers are present. The Project Manager/Foreman will be totally responsible for all aspects of the work and shall have the authority to make immediate decisions regarding implementation or changes to the work.

Meetings/Project Updates

On at least a weekly basis during summer time, and on daily basis during school time, the vendor is to email or text with updates on the project. This update should include where work was done, type of work, as well as any questions or issues that have come up that need answers. This will help isolate issues if they arise the following day.

On-site project coordination/progress meetings will be held, as appropriate, throughout the life of this Project. The Vendor will be required to attend all construction meetings that occur during the life of this Project. Attendance by the Vendor is mandatory. Failure to comply may result in immediate dismissal of the Vendor from the Project and cancellation of the contract.

Vendor should be prepared to discuss work accomplished and project work to be done within the next two weeks from the date of the meeting. Vendor will adhere to any directives from the Customer and will coordinate activities with other trades appropriately.

Special Conditions

This facility is an educational facility that provides services to the students of the Customer. As such, activities in all buildings are critical to the provisioning of services to the students and staff and shall not be interrupted by the Vendor's work activities.

Service interruptions during normal business hours must be coordinated by the Vendor to minimize impact to the end users.

The Vendor will be required to work around all of the conditions listed above, as well as working with the Customer's staff and students to minimize disruptions to normal Customer activities.

Recognizing the environment in which work is to be done, smoking, consumption of alcoholic beverages and inappropriate language are not acceptable. Smoking is not permitted anywhere on school property. Contingent on awarding of the contract, anyone assigned to work on the project must pass and provide a background check to have on file at the District. Any cost associated with this is the responsibility of the Vendor.

Payment Conditions

Payment shall be made upon final acceptance of the job by the Customer. The project will be deemed acceptable when the Vendor delivers to the Customer (as applicable):

- ✓ ***Cables which are 100% free of defective pairs of copper or fiber strands.***
- ✓ ***Passing Network Certification test results by an approved Level III tester on the horizontal cabling.***
- ✓ ***OTDR / TDR test results on the backbone cables.***
- ✓ ***Inspection of Vendors work by the District has been conducted.***
- ✓ ***Documentation and other deliverables have been delivered to customer.***

Acceptance shall be further defined as beneficial use by the Customer. Acceptance will be deemed "in full" upon receipt by the Vendor of a Notice of Acceptance issued by the Customer upon beneficial use and full implementation of the Terms and Conditions and Technical Specifications of the Contract. Upon receipt of the Notice of Acceptance, the Vendor shall notify the Customer in writing of a release of all liens for all materials and services associated with this project.

Inspection, Acceptance and Title

Title to/or risk of loss or damage to all items shall be the responsibility of the successful Vendor until acceptance by the Customer, unless loss or damage results from negligence by the Customer. If the materials or services supplied to the Customer are found to be defective or do not conform to the specifications, the Customer reserves the right to cancel the contract upon written notice to the Vendor and return products at the Vendor's expense, based upon the terms of the Contract.

The Customer shall at all times have access to the work wherever it is in preparation or progress, and the Vendor shall provide proper facilities for such access and for inspection.

The Vendor shall not close up any work until the Customer has inspected the work. Should the Vendor close up the work prior to inspection by the Customer, the Vendor shall uncover the work for inspection by the Customer at no cost to the Customer, and then recover the work according to the specification contained herein.

The Vendor shall notify the Customer in writing when the work is ready for inspection. The Customer will inspect the work as expeditiously as possible after receipt of notification from the Vendor.

Price quotations are to include the furnishing of all materials, permits, make readies, equipment, maintenance and training manuals, tools, and the provision of all labor and services necessary or proper for the completion of the work, except as may be otherwise expressly provided in the Contract Documents. The Customer will not be liable for any costs beyond those proposed herein and awarded. Time and materials quotes will be unacceptable. The Customer is a non-taxable entity and as such sales, consumer, use, and other taxes are not applicable.

Subcontractors

Each subcontractor shall agree to be bound to the Vendor by the terms and conditions of this RFQ.

Equal Employment Opportunity

In connection with the execution of this Contract, the Vendors and subcontractors shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, or national origin. The Vendors shall take affirmative action to ensure that minority and disadvantaged applicants are employed and employees are treated during their employment without regard to race, religion, color, sex, age, or national origin.

Regulations, Codes, Standards, and Ordinances Compliance

All work specified within this document shall default to the following requirements unless otherwise specified:

The latest edition of the National Electrical Code®

- ✓ All local Building Codes and Ordinances, as applicable.
- ✓ ANSI/TIA-568-C.0 through ANSI/TIA/EIA-568-C.3.

- ✓ ANSI/TIA-569-C
- ✓ ANSI/TIA-606-B
- ✓ ANSI/TIA-607-B
- ✓ Federal Communications Commission.
- ✓ BICSI Telecommunications Distribution Methods Manual
- ✓ National Fire Protection Association
- ✓ OSHA (Standards-29 CFR) Telecommunications-1910.268
- ✓ Terminated in T-568B Standard

Safety

The Vendor shall take the necessary precautions and bear the sole responsibility for the safety of the methods employed in performing the work. The Vendor shall at all times comply with the regulations set forth by federal, state, and local laws, rules, and regulations concerning “OSHA” and all applicable state labor laws, regulations, and standards. The Vendor shall indemnify and hold harmless The Customer from and against all liabilities, suits, damages, costs, and expenses (including attorney’s fees and court costs), which may be imposed on the Customer because of the Vendor, subcontractor, or supplier’s failure to comply with the regulations stated herein.

Ownership and Use of Architect’s Drawings, Specifications and Other Documents

The Drawings, Specification and other Documents prepared by the Architect are instruments of the Architect’s services through which the Work to be executed by the Vendor is described. The Architect grants the Customer a license to use and permit the use of copies, including reproducible copies of the Drawings, Specifications, and other documents prepared by the Architect in connection with the Customer’s construction of the Project, its use, and occupancy.

The Drawings, Specifications, and other documents shall not be used on other Projects by the Vendor without the prior written consent of the Architect, and the Vendor shall take such action as may be necessary to prevent their use on other projects. The Vendor and Sub-contractors are granted a limited license to use (but not reproduce) applicable portions of the Drawings, Specifications, and other documents appropriate to and for use in execution of their Work under this RFQ.

Indemnification

The Vendor shall indemnify and hold harmless Jackson County ISD, Jackson Public Schools and their employees from or on account of any injuries or damages, received or sustained by any person or persons, during or on account of any operation connected with this Contract; or by consequence of any negligence (excluding negligence by the Customer, its agents, Consultant or employees) in connection with the same; or by use of any improper materials or by or on account of any act or omission of said Vendor or its subcontractors, agents, servants, or employees. The Vendor further agrees to indemnify and hold harmless the Customer, its agents, Consultant or employees, against claims or liability arising from or based upon the violation of any federal, state, county, city, or other applicable laws, bylaws, ordinances, or regulations by the Vendor, its agents, associates, or employees.

The indemnification provided above shall obligate the Vendor to defend at its own expense or to provide for such defense, at the Customer's option, of any and all claims of liability and all suits and actions of every name and description that may be brought against the Customer which may result from the operations and activities under this Contract whether the installation operations be performed by the Vendor, subcontractor, or by anyone directly or indirectly employed by either.

The award of this Contract to the Vendor shall obligate the Vendor to comply with the foregoing indemnity provision; however, the collateral obligation of insuring this indemnity must be complied with as set forth.

The Vendor shall assume the full duty, obligation, and expense of obtaining and maintaining necessary insurance while providing services to the Customer under the requirements of this RFQ and any addendum.

Insurance Coverage

The Vendor shall be fully liable to provide and maintain in force during the life of this Contract, such insurance, including Public Liability Insurance, Product Liability Insurance, Auto Liability Insurance, Worker’s Compensation, and Employer’s Liability Insurance as will assure to the Customer the protection contained in the foregoing indemnification provision undertaken by the Vendor. Such policies shall be issued by United States Treasury–approved companies authorized to do business in the State of Michigan and having agents upon whom service of process may be made in the Customer and shall contain as a minimum, the following provisions, coverage, and policy limits of liability.

General Liability

General Liability Insurance shall protect the Jackson County ISD, Jackson Public Schools, its subcontractors, agents, and employees from claims for damages. General Aggregate shall not be less than Two Million Dollars (U.S. \$2,000,000.00) and it shall apply in total to this project only. Products – Comp/GP Aggregate shall not be less than Two Million Dollars (U.S. \$2,000,000.00). Personal & ADV Injury shall not be less than One Million Dollars (U.S. \$1,000,000.00). Each Occurrence shall not be less than One Million Dollars (U.S. \$1,000,000.00). Fire Damage shall not be less than Fifty Thousand Dollars (U.S. \$50,000.00) on any one (1) fire. Medical Expense shall not be less than Five Thousand Dollars (U.S. \$5,000.00) on any one (1) person. Broad Form Property Damage coverage shall include completed operations.

Product Liability

Product Liability or Completed Operations Insurance shall have bodily injury limits of liability of not less than Five Hundred Thousand Dollars (U.S. \$500,000.00) per person; Five Hundred Thousand Dollars (U.S. \$500,000.00) per occurrence, and Five Hundred Thousand Dollars (U.S. \$500,000.00) aggregate.

Workers' Compensation and Employer's Liability

Workers' Compensation and Employer's Liability Insurance shall meet minimum requirements set by the State of Michigan, but in no case less than Five Hundred Thousand Dollars (U.S. \$500,000.00). The Disease Policy Limit shall not be less than Five Hundred Thousand Dollars (U.S. \$500,000.00).

Proof of Insurance

The Vendor shall furnish to the Customer a Certificate of Insurance or duplicate policies of insurance described above which specifically protect the Customer. Jackson County ISD and Jackson Public Schools shall be identified as additional insured on the General Liability policy form. Jackson County ISD and Jackson Public Schools shall be named as the Certificate Holder.

Such certification must contain a provision for notification of the Customer thirty (30) days in advance of any material change in coverage or cancellation.

Notification shall be in writing and signed in ink by a duly authorized officer of the Insurer.

Insurance Companies are subject to approval and may be rejected by the Customer without stated cause.

Claims

In any and all claims against the Customer, or any of their agents or employees by any employee of the Vendor, any subcontractor, or anyone directly or indirectly employed by any of the contracting parties, or anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or types of damages, compensation acts, disability benefit acts, or other employee benefit acts.

Bid Evaluation

1. Bids will be evaluated as follows:

- Compliance with bid documents
- Completeness of bid
- Contractor qualifications
- Price
- Anticipated completion timelines
- Previous experience
- References

2. Right to Reject

The Customer reserves the right to reject any or all bids for any reason.

This RFQ as well as the Vendor's response will become contractual obligations of the successful Bidder. Additionally, by bidding on this RFQ, Vendors accept and acknowledge that the Customer may accept any or all proposals, ultimately waive some bid specifications where in its sole discretion it is appropriate, and not necessarily award the contract to the lowest Bidder. Additionally, Bidders accept and acknowledge that the decision of the Customer is final and that the Vendors waive any recourse against the Customer, Consultant or other Vendors which may otherwise exist for action occurring during the course of this bid solicitation process.

The Customer at its discretion may award different sections to different vendors, if in their opinion it is in their best interest.

In the event of a conflict between any terms or conditions in any of the documents comprising the entire present Agreement, the terms and conditions set forth in this Request for Proposal shall take precedence.

All documents constituting the entire present agreement shall be construed in accordance with and governed by the laws of the State of Michigan.

Cancellation

In the event any provisions of this RFQ are violated by the Vendor, the Customer may give written notice to the Vendor stating the deficiencies. Unless deficiencies are corrected within five (5) working days, recommendations will be made to the Customer for immediate cancellation. The Customer reserves the right to terminate immediately any contract resulting from this RFQ for failure to correct deficiencies.

Advertising

The Vendor agrees not to use the results from this RFQ as a part of any commercial advertising without prior written approval of the Customer.

Installation Guidelines

All work performed on this project will be installed under the guidelines of the current edition of the National Electrical Code®, the current edition of the National Electrical Safety Code®, the current issue of the ANSI/NECA/BICSI-568 Standard for Installing Commercial Building Telecommunications Cabling, the current edition of the BICSI Telecommunications Distribution Methods Manual, the current edition of the BICSI Cabling Installation Manual, the latest issue of the ANSI/TIA/EIA Standards as published by Global Engineering Documents as ANSI/TIA/EIA Telecommunications Building Wiring Standards, and all local codes and ordinances.

NEC permits

The Vendor is responsible for pulling any permits that are required by law for the Jackson/Michigan area. Any violations that come out of this should be reported to the district in writing to determine an appropriate method of repair. Please include a T&M rate per hour that might be used to fix these type of issues in the event they arise. This rate might be used if construction needs to have existing wires managed in areas that ceilings are being replaced.

PART V – Basic Construction Instructions

Working Environment

1. It is required that all Vendor employees wear an identification badge with photograph. This badge should have the Vendor company name and employee name as a minimum. Shirts with a company logo will be accepted as an alternate means of identification.
2. All work will be performed in a neat and workman like manner in accordance with the latest edition of the National Electric Code, the ANSI/NECA/BICSI-568 Standard for Installing Commercial Building Telecommunications Cabling, the BICSI Telecommunications Cabling Installation Manual, and all ANSI/TIA/EIA standards documents relevant to this installation. All methods of construction, details of workmanship that are not specifically described or indicated shall be subject to approval by Customer.
3. All effected computer equipment and furniture shall be covered during the project to keep down the debris residue.

4. Daily cleanup is required of all site areas. Failure to comply may result in being billed for time spent to cleanup.
5. Equipment, cables, and personnel shall not be in hallways during classroom changes.
6. Any areas that may become a safety concern should be cordoned off to restrict access.
7. All equipment and supplies will be stored in Customer designated areas only.
8. Any disruption in service (data, phone, video, etc.) must be scheduled and coordinated with the Customer.
9. The work environment may demand the Vendor workers wear hardhats. Vendor is responsible for following all OSHA guidelines and those work stipulations put forth by the General Contractor.

Ceilings and Walls

1. Vendor must carefully remove existing ceiling tiles as required. Store the removed tiles in a location specified by Customer.
2. The ceiling grid should not be modified in any way.
3. Vendor can submit a waiver of responsibility for ceiling tiles that are already broken, brittle or discolored.
4. Any tiles that are damaged during the installation process must be replaced and installed by Vendor. New tiles must match the type and design of the adjacent area.
5. All wall surfaces shall be restored to their original finish matching the adjacent area.

Abandoned Cables

1. Vendor will remove all unused or abandoned cables as identified by the District from the ceiling, walls, and riser areas.
2. The Vendor will remove the debris and dispose of in a receptacle stipulated by the Customer.
3. All open wall penetrations that result from the removal of abandoned cables shall be properly sealed.

Fire-Stopping

1. Vendor will supply the appropriate sleeves for any new penetration of building surfaces for this project. Where necessary, Customer will provide Vendor with information for locations requiring firestop.

2. New penetrations shall be fire-stopped where they penetrate new or existing building construction.
3. Firestopping shall be accomplished by using a combination of materials and devices, including penetrating raceway, sleeves, or cables, required to make up a complete fire-stop.
4. Vendor shall verify that cabling and other penetrating elements and supporting devices have been completely installed and temporary lines and cables have been removed.
5. Vendor shall select the 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.
6. Vendor shall perform all necessary coordination with other 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.
7. Use materials that have no irritating or objectionable odors when firestopping is required in existing buildings and areas that are occupied.
8. Provide damming materials, plates, wires, restricting collars, and devices necessary for proper installation of firestopping. Remove combustible installation aids after fire-stopping material has cured.
9. 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 penetration or existing conduit sleeve, and between existing conduits and existing conduit sleeve.

Sleeves

1. Provide sleeves for new conduit and cable penetrations of building construction if necessary.
2. Use galvanized rigid conduit 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.
4. Secure sleeves firmly in place using filling and patching materials (grout) that match with the adjacent areas.
5. In wall penetrations, cut sleeves flush with wall surface and use metal escutcheon plates in finished interior areas.

6. Seal voids between sleeves and building construction with joint sealants. Make allowances for and coordinate the work with installation of firestopping, conduit insulation, and waterproofing, as applicable.
7. Vendor shall be responsible for final and correct location of sleeves. Sleeves that are omitted or incorrectly located or installed in existing building construction shall be corrected and provided by the Vendor at no charge to Customer.
8. Sleeves shall not be more than 60% full at end of project without prior authorization.

Grounding

1. Grounding shall conform to ANSI/TIA-607-B – Commercial Building Grounding and Bonding Requirements for Telecommunications, National Electrical Code© and manufacturer’s grounding requirements as minimum.
2. Vendor shall ground equipment racks, housings, messenger cables and raceways.
3. Connect cabinets, racks, and frames to single-point ground that is connected to the building ground system via #6 AWG (minimum) copper grounding conductor.
4. Any connection to building steel must be annotated on the as-built drawings.
5. Vendor shall ground all points of contact on building steel prior to fastening grounding lugs.

PART VI – Technical Specifications

Work Included

Vendor shall provide equipment, materials, labor, and services to provide telephone and/or data distribution system including, but not limited to:

1. Raceway, boxes, and cable tray and similar cable supporting devices. (J-hooks)
2. Telephone and/or data cabling terminations.
3. Optical fiber and terminations.
4. Telecommunications outlets.
5. Terminal blocks/cross-connect systems and fire-retardant mounting board. (Telephone vendor will provide “punch-down” services to terminate voice cross-connect cables).
6. Equipment racks and cabinets.
7. System testing.
8. Documentation and submissions.

Vendor will provide all equipment, materials, labor and services, not specifically mentioned or shown, which may be necessary to complete or perfect all parts of the

installation. Vendor will ensure that they are in compliance with the requirements stated or reasonably inferred by the RFP and other contract documents supplied by Customer.

Work Not Included

Vendor will not provide the following work:

1. Off-site services.
2. Providing 120V wiring and outlets.
3. Providing data switches, routers, servers, computers or other “active” devices.

Testing

UTP Cables:

Testing shall conform to ANSI/TIA-568-C.2 standard. Testing shall be accomplished using Level III test unit.

Test each pair and shield (if applicable) of each cable for opens, shorts, grounds, and pair reversal. Correct grounded and reversed pairs. Examine open and shorted pairs to determine if the problem is caused by improper termination.

1. Perform testing of copper cables with tester meeting ANSI/TIA-568-C.2 requirements.
2. If horizontal cable contains bad conductors or outer sheath and/or shielding damage, remove and replace the entire cable.

Fiber Optic Cables:

Attenuation testing for optical fiber shall be done after the fiber is installed. The Vendor shall use an optical Power Meter with an accuracy ± 0.5 dB or better. The Optical Power Meter shall have a light source capable of generating light at all appropriate wavelengths. Test measurements should be taken at both ends to ensure proper connector termination. Single mode fiber shall be tested at both 1310nm and 1550nm bi-directionally. Vendor will provide results of such testing.

Vendor should label each set of fiber with the location each goes as well as the distance in feet. Each cable should contain a cable wrap with which IDF it feeds. If using large count

cables, documentation must be provided with what tube goes where. Maps of splices through the building should be noted when applicable.

Vendor will provide OTDR testing results of all optical fiber backbone cables that have been installed during the course of this RFP (if applicable).

ANSI/TIA-568-C.0 and ANSI/TIA-568-C.3 establish acceptance values for single mode optical fibers for both horizontal and backbone cabling links. These values are based on the maximum attenuation values due to the optical fiber cable length, operating wavelength and mated connector pairs and splices.

The maximum allowable attenuation for a single mode link shall be 1.0dB.

PART VII – Project Specifications/Scope

This infrastructure upgrade for the District will consist of the installation of Category 5e/6 cabling, along with the wreck out of certain existing Category 5 cables

All buildings are to be considered plenum rated for this project.

The total scope of the project includes:

Site	Number of Closets
North Adams–Jerome PS	2

Pathway

Pathway will need to be added where necessary. There is currently little to no pathway in the halls and the vendor will be responsible for installing it. Some additional sleeves will be necessary in order to accommodate the amount of cables being installed. Certain MDF's/IDF's may also require short sections of additional ladder rack to properly carry the cables from the room entrance to the rack. Most of the connections will require the install of V2400 or V700 Raceway along with surface mount box. EMT is also an approved form of conduit in locations that it fits. Raceway should be used in a classroom or office setting.

All proposals should assume that each classroom will require a 10ft piece of V2400 and a surface mount box. Some may require more, most will require less. **This should be included in you proposal.**

Category 5e/6 UTP

All new copper data connections in the buildings are to be Category 6 UTP, plenum-rated. Wireless connections in all buildings will be CAT 6 UTP, plenum-rated. The District is specifying that multiple colors of cables installed according to the purpose of the connections. Those specified colors are:

Cable Colors

Teacher Station or Standard Outlet (CAT 6)	Blue
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Modular Jack Colors; Closet / End User

Teacher Station or Standard Outlet (CAT 6)	Orange / Orange
--	-----------------

All terminations in the closets will be made with modular jacks installed into unloaded modular patch panels or loaded panels with the different types of cables CLEARLY labeled. If there is conflicting information between the RFP, the maps, and addendums the precedence is in the following order: Addendums, Maps, RFP.

Site	Type	Quantity
NAJPS Elementary	Classroom/Office Drops (CAT6)	62
NAJPS HS/MS	Classroom/Office Drops (CAT6)	75

Vendor is also requested to provide the following costs:

Cost to add (1) one CAT6 drop with raceway
Cost to remove (1) one CAT6 drop with raceway
Cost to add (1) CAT6 drop for Wireless

Equipment Manufacturer

The District is not specifying a manufacturer for the materials supplied for this project. In any event, all connectivity equipment supplied is to be keystone-compliant. No manufacturer proprietary equipment will be approved. All Vendors are required to submit a completed Vendor Cost Analysis form reflecting the materials they intend to install.

Documentation and Labeling

Each cable is required to be labeled on the cable itself on both ends, and individual outlets must also have a label that is easily readable. The labels should be printed with either a p-touch type label or computer printed, hand writing with marker will not be accepted. The numbering format for each outlet shall be:

<Closet>--<Patch Panel Number>--<Port Number> (ex 01-01-01)

Each closet is to be labeled with large lettering to indicate which closet it is. Each patch panel shall be labeled with large two digit numbers to clearly indicate which panel it is. The vendor is to provide the District with the passing certification results of each drop. This can be delivered in a .pdf format.

The Vendor will be provided with .dwg (AutoCAD) files for each site at the beginning of the Project, and will be required to update and submit those files for as-built drawings showing each drop identified as part of their close-out package.

Prior to punch list the vendor will be required to provide pictures of any pathway that is not easily accessible by drop ceiling tiles. For example all tunnels, attic, or pipe chase pathway should have a picture that is clearly labeled the location of the image. This picture should be of final work to illustrate that the cable has been secured in a correct fashion.

PART VIII – Pricing

Total Price

The total price quoted must include shipping to the district location: North Adams–Jerome Public Schools, 4555 Knowles, North Adams, MI 49262. Any additional costs outside of the stated guidelines must be provided with an explanation, as an attachment to the Bidder’s proposal.

PART IX – Configuration Specifications & Pricing Summary

This project can be awarded in whole or in part.

Price Summary

Pricing Summary

Site	Data	Building Total
NAJPS		
Project Total		

CONFLICT OF INTEREST AFFIDAVIT

This affidavit is required by state law and complies with the State of Michigan, Act No. 232 of Public Acts of 2004, Enrolled House Bill No. 5376, Sec. 1267, paragraph 3, sub-paragraph (d), as listed below:

- (3) The advertisement for bids (and proposals) shall do all of the following:
 - (d) State that the bid shall be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between the owner or any employee of the bidder and any member of the board, Jackson County Intermediate School District Board, or the Board of Education or the Superintendent of the Jackson Public School District. The District shall not accept a bid that does not include this sworn and notarized disclosure statement.

Furthermore, this affidavit also binds the Vendor to the Jackson County ISD and Jackson Public School District’s *Conflict of Interest* provision as listed below:

Conflict of Interest – The bidder shall disclose and describe any business, financial, pecuniary or familial relationship existing between the Bidder (or any officer, agent, or employee of the Bidder) and any officer, employee, agent or board member of the Jackson County ISD and/or Jackson Public School District.

In the space provided below, list and describe all existing conflicts of interest; OR check the box, indicating that there are no known conflicts of interest.

- To the best of my knowledge, no conflict of interest exists.

Print name of bidder: _____ Signature: _____
 Name of Company: _____ City: _____ State: _____

NOTARY – State of Michigan, County of _____

Sworn to and subscribed before me, a notary public in and for the above state, on this _____ Day of _____, 20__.

Notary Public _____
 My commission expires: _____

CERTIFICATION OF COMPLIANCE – IRAN ECONOMIC SANCTIONS ACT

Michigan Public Act No. 517 of 2012

The undersigned, the owner, or authorized officer of the below-named Company, pursuant to the compliance certification requirement provided in Jackson Intermediate School District’s Request For Proposal, the “RFQ”, hereby certifies, represents, and warrants that the Company and its officers, directors and employees, is not an “Iran Linked Business” within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the “Act”), and that in the event the Company is awarded a purchase order by Jackson Intermediate School District as a result of the aforementioned RFQ, the Company is not and will not become an “Iran Linked Business” at any time during the course of performing any services under the purchase order.

The Company further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or two (2) times the amount of the contract or proposed purchase order for which the false certification was made, whichever is greater, the cost of Jackson Intermediate School District’s investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to proposal on a request for proposal for three (3) years from the date that it is determined that the person has submitted the false certification.

NAME OF COMPANY

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

SIGNATURE

DATE

Contractor Agreement Form

We, the undersigned, have prepared and submitted this Contractor Agreement Form as our proposal in response to the “NAJPS Structured Cable” issued by the Jackson County Intermediate School District located at 6700 Browns Lake Road, Jackson, Michigan 49201 on behalf of Jackson Public Schools.

We understand the submittal of this Contract Agreement constitutes our offer of Proposal for this equipment. And that this submittal shall not be construed as a bilateral Agreement until fully executed as a Contract countersigned by the Customers.

This price is guaranteed for one hundred eighty (180) days after the date of opening bids, and that labor rates are guaranteed for the length of the contract. If authorized to proceed within that period we agree to deliver the equipment covered by this bid at the said price.

Signature of Authorized Agent: _____

Printed Name and Title of Agent _____

Name of Firm _____

Address, City, State, ZIP _____

Telephone Number _____

Election to Bid Form

NAJPS Structured Cable

Company Name: _____

Address: _____

Contact Name(s): _____

Phone Number: _____

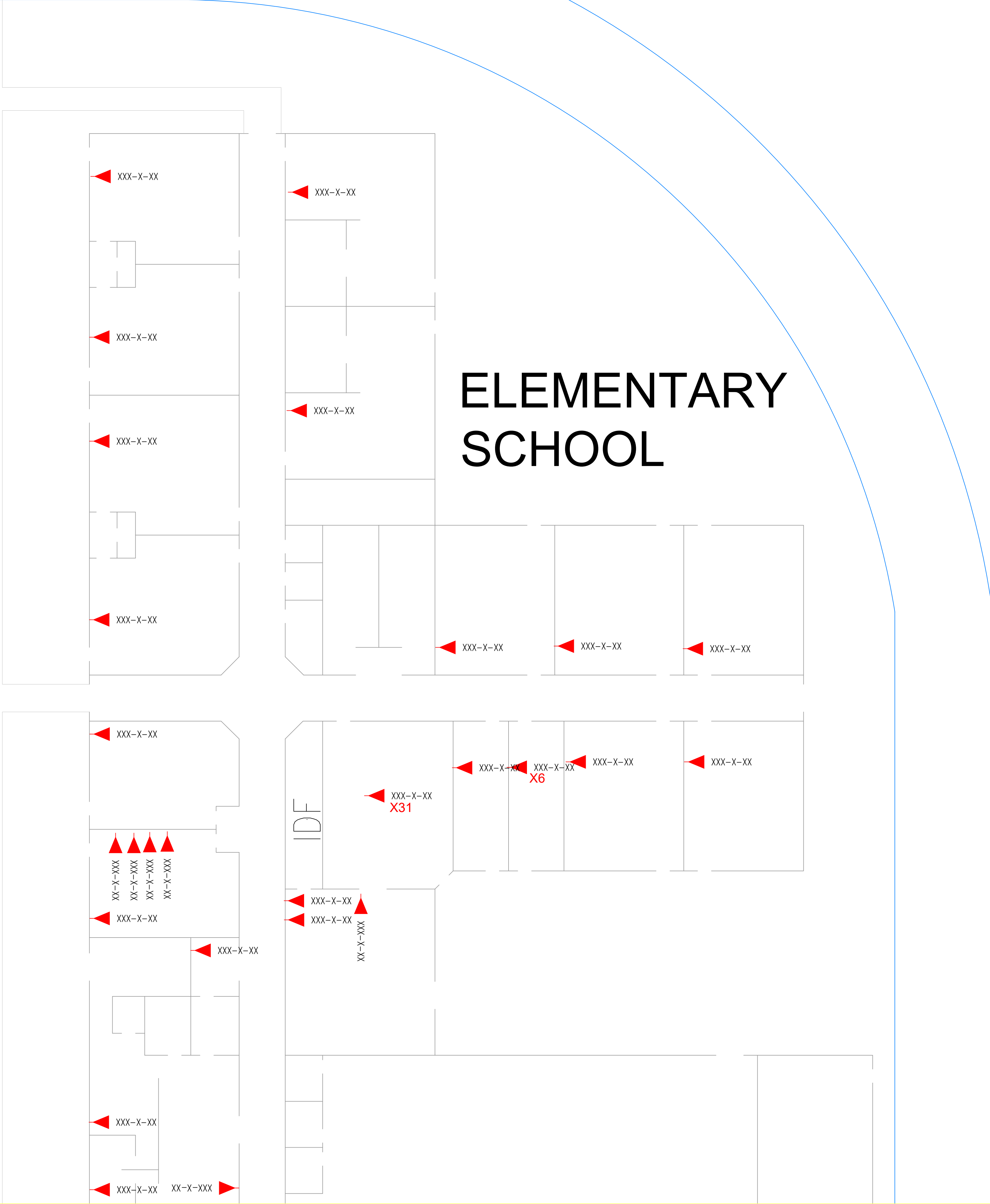
E-Mail Address: _____

With the Election to Bid Form completed and submitted, the Vendor will be notified of the optional virtual site visit.

Please submit form to:

Chris Kuntz
jcisdrfp@jcisd.org

ELEMENTARY SCHOOL



HIGH SCHOOL / MIDDLE SCHOOL

