

COUNTY OF McHENRY
McHENRY COUNTY ADMINISTRATION BUILDING
PURCHASING DEPARTMENT – ROOM 200
2200 N. SEMINARY AVENUE
WOODSTOCK, IL 60098

Sealed bids will be accepted in the above office until

December 20, 2013 at 2:00 P.M. (CST)

For

RFP # 14-02

Fiber Optic Backbone Implementation & Equipment

November 25, 2013

This McHenry County Request for Proposal (RFP) is for the purpose of, contracting with a qualified firm to provide implementation of a single-mode fiber optic cabling network interconnecting multiple locations and provisioning Ethernet fiber transport equipment providing a minimum of a 10 Gigabit backbone path and 1 Gigabit Ethernet based bandwidth to additional locations in the County of McHenry as outlined within this document. The RFP also includes requirements for implementing a point to point wireless link to provide data connectivity until the IDOT road reconstruction project and duct access is provisioned. All requirements are as per specifications enclosed herein.

The Selected Vendor will plan, implement and light (equip) a 144 strand, single mode, fiber optic system to link McHenry County College with McHenry County Administration Center.

The Selected Vendor will implement a point-to-point wireless system to link McHenry County College with the Woodstock fiber network footprint.

Vendors responding to this RFP will have the opportunity to secure up to 36 fiber strands in the fiber paths implemented through the creation of a public/private partnership with McHenry County.

GENERAL REQUIREMENT: This is a Request for Proposal (see attached). Proposal will be opened and evaluated in private and proposal information will be kept confidential until an award is made. **One (1) original and one (1) copy of the complete proposal are to be submitted. Four (4) copies of electronic version of the proposal should also be submitted in Adobe Acrobat or Microsoft Office readable format.**

SUBMISSION LOCATION:

Mailing Address:

Purchasing Department
McHenry County Administration Building
2200 N. Seminary Avenue Room 200
Woodstock IL 60098

Drop Off In Person:

Purchasing Department
McHenry County Administration Building
667 Ware Road Room 200
Woodstock IL 60098

Phone: (815) 334-4818

Fax: (815) 334-4680

CONTACT PERSON:

Mr. Donald A. Gray, CPPB
Director of Purchasing

SUBMISSION DATE AND TIME:

2:00 PM, (CST) December 20, 2013

Proposals received after the submittal time will be rejected and returned unopened to the sender. (See below for schedule of events).



SCHEDULE OF EVENTS

November 25, 2013 -----	RFP Available
December 5, 2013 -----	Vendor Conference located at 667 Ware Road, Conference Room C, Woodstock, Illinois 60098 @ 2:00 PM
December 10, 2013 -----	Vendors Questions Submitted via fax to 815-334-4680 by 4:00 P.M. (CST)
December 13, 2013 -----	Vendors Questions Answered via fax and Posted on Website by 4:00 P.M. (CST)
December 20, 2013 ----- P.M. (CST)	RFP due in Purchasing at 2:00
January 17, 2014 -----	Evaluation and Committee

January 24, 2014 -----

recommendation

Award of Contract and Notification
to Successful Vendor

Section 1: GENERAL INFORMATION

REQUEST FOR PROPOSALS DEFINITION

Request for Proposals (RFP) is a method of procurement permitting discussions with responsible vendor and revisions to proposals prior to award of a contract. Proposals will be opened and evaluated in private. **Award** will be based on the criteria set forth herein.

RECEIPT and HANDLING of PROPOSALS

Proposals shall be opened in private by the Evaluation Committee to avoid disclosure of contents to competing vendors.

EVALUATION of PROPOSAL

The proposals submitted by vendors shall be evaluated solely in accordance with the criteria set forth in the RFP.

DISCUSSION of PROPOSAL

The Evaluation Committee may conduct discussions with any offeror who submits an acceptable or potentially acceptable proposal. Vendors shall be accorded fair and equal treatment with respect to any opportunity for discussion and revision of proposals. During the course of such discussions, the Evaluation Committee shall not disclose any information derived from one proposal to any other vendor.

NEGOTIATIONS

The County of McHenry reserves the right to negotiate specifications, terms, and conditions, which may be necessary or appropriate to the accomplishment of the purpose of this RFP. The County may require the RFP and the offeror's proposal be incorporated in full or in part as Contract Documents. This implies that this RFP and all responses, supplemental information, and other submissions provided by the vendor during discussions or negotiations may be held by the County of McHenry as contractually binding on the successful Vendor.

NOTICE of UNACCEPTABLE PROPOSAL

When the Evaluation Committee determines a vendor's proposal to be unacceptable, such vendor shall not be afforded an additional opportunity to supplement its proposal.

TERMS AND CONDITIONS AUTHORITY

This Request for Proposals is issued pursuant to applicable provisions of the **McHenry County Purchasing Ordinance**, approved December 1, 2006. This ordinance is incorporated by reference into this RFP as if it were contained herein. If you desire a copy of this ordinance, contact the Director of Purchasing.

RESERVED RIGHTS

The County of McHenry reserves the right at any time and for any reason to cancel

this Request for Proposal, to reject any or all proposals, or to accept an alternate proposal. The County reserves the right to waive any immaterial defect in any proposal. ***Unless otherwise specified by the offeror, the County has no less than one hundred and twenty (120) days to accept.*** The County may seek clarification from a vendor at any time and failure to respond promptly is cause for rejection. The County may require submission of best and final offers.

INCURRED COSTS

The County of McHenry will not be liable in any way for any costs incurred by respondents in replying to this RFP.

AWARD

Award shall be made by the McHenry County Board to the most responsive and responsible vendor whose proposal is determined to be the most advantageous to the County, taking into consideration price and the additional evaluation criteria set forth herein below.

CRITERIA for SELECTION

The County desires to procure the professional services of an experienced fiber optic network construction firm or project team most qualified and best suited to provide the services described in this Request for Proposal. The vendor evaluation will be based on the following criteria:

1. **Proposed Solution** – Vendors must demonstrate their understanding and knowledge of the County’s requirements and propose either a comprehensive solution for all components of the RFP or complete approaches to each RFP section addressed by the vendor proposal. The proposed solution should be based on a proven methodology and include a detailed and realistic project plan. (35 Points)
2. **Network Construction and Technical Expertise** – Vendors must present their qualifications and expertise with the design, engineering, construction and maintenance of comparable broadband networks for each component of the RFP to which you respond. (25 Points)
3. **Cost Proposal** – Vendors must provide a cost effective solution for the County, including initial and ongoing costs. (25 Points)
4. **Prior Experience and References** – Vendors must demonstrate proven experience with the County’s requirements based on comparable reference sites in size and complexity as the County’s project. (15 points)

Total 100 points

NON-DISCRIMINATION

Vendor shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., as amended and any rules and regulations promulgated in accordance therewith. Including, but not limited to the Equal Employment Opportunity Clause, Illinois Administrative Code, Title 44, Part 750 (Appendix A), 775 ILCS 5/1-102, which is incorporated herein by reference, and constituting of a written EEO Policy and a

workforce profile that demonstrates its EEO practices. Furthermore, the Vendor shall comply the Public Works Employment Discrimination Act, 775 ILCS 10/0.01 et seq., as amended. The Vendor must have a written sexual harassment policy, which meets Illinois State Statutes, 775 ILCS, 15/3.

SECURITY

The Vendor represents and warrants to the County of McHenry that neither it nor any of its principals, shareholders, members, partners or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. The Vendor further represents and warrants to the County of McHenry that the Vendor and its principals, shareholders, members, partners, or affiliates, as applicable, are not directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Agreement on behalf of any person or entity named as Specially Designated National and Blocked Person. The Vendor hereby agrees to defend, indemnify and hold harmless the County of McHenry, the Corporate Authorities, and all County of McHenry elected or appointed officials, officers, employees, agents, representatives, engineers and attorneys, from and against any and all claims, damages, losses, risks, liabilities, and expenses (including reasonable attorneys' fees and costs) arising from or related to any breach of the foregoing representation and warranties.

PREVAILING WAGE

The State of Illinois requires that all wages paid by the Contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 ILCS 130), as amended. This requires payment of the general prevailing rate for each craft or type of worker, including payment of the general prevailing rate for legal holiday and overtime work. The Illinois Department of Labor publishes the prevailing wage rates on its website at www.state.il.us/agency/idol/rates.htm. The Contractor shall review the wage rates applicable to the work of the contract at regular intervals in order to ensure the timely payment of current wage rates. The Contractor agrees that no additional notice is required. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto. A copy of the prevailing wage rates is posted on the McHenry County website at www.co.mchenry.il.us under BIDS and RFP's. If wage rates change during the course of the project, the new rates will be available in the County of McHenry Purchasing Office. Vendors may access the Illinois Department of Labor website for updates www.state.il.us/agency/idol.

CERTIFIED PAYROLL REQUIREMENTS (Public Act 94-0515)

Effective August 10, 2005 Vendors and Subcontractors on public works projects must submit certified payroll records on a monthly basis to the public body in charge of the construction project, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than

the required prevailing rate and that the Vendor is aware that filing records he or she knows to be false is a Class B misdemeanor.

The certified payroll records must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, with the exception of the employee's address, telephone number, and social security number. Any Vendor who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor.

INCREASED PENALTIES for PREVAILING WAGE VIOLATIONS ([Public Act 94-0488](#))

Effective January 1, 2006, penalties for violations of the Prevailing Wage Act will increase from 20% to 50% of the underpaid amounts for second or subsequent violations. An additional penalty of 5% of the underpayment penalty must be paid to workers for each month the wages remain unpaid (up from the current 2% penalty).

For violations that occur after January 1, 2006, the debarment period --during which Vendors are ineligible for public works contracts -increases from 2 years to 4 years if two notices of violation are issued/serious violations occur within a 5-year period. In addition, a new monetary penalty of \$5,000 may be assessed against Vendors who retaliate against employees who report violations or file complaints under the Prevailing Wage Act.

OSHA REQUIREMENTS

The Occupational Safety and Health Act of 1970 (OSHA) "guarantees workers the right to a safe and healthful workplace". Under Section 5(a) (1) of the OSHA Act, the employer must "furnish to each of his employees' employment and a place of employment which are free from recognized hazards that are causing or likely to cause death or serious physical harm to his employees."

There are times when the County must hire entities and individuals (contractors) to perform services. To this end, contractors hired by the County of McHenry must perform their duties in a manner that is compliant with all state and federal health and safety laws and industry guidelines. It is the responsibility of the contractor to ensure that their personnel and subcontractors comply with all state and federal health and safety laws and regulations and industry guidelines, including, but not limited to those set forth by: OSHA and related regulations, the Safety Inspection and Education Act, the Health and Safety Act, the National Institute of Occupational Safety and Health, the National Fire Protection Association, the Centers for Disease Control, American Industrial Hygiene Association, the American Council of Governmental Industrial Hygienists, the Environmental Protection Agency, and the Department of Transportation.

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECTS ACT

The successful bidder must be in compliance with State of Illinois HB-1855 (Public Act 095-0635), which amends the Prevailing Wage Act. Before an employer commences

work on a public works project, the employer shall have in place a written program, which meets or exceeds the program requirements in this Act, to be filed with the public body engaged in the construction of the public works and made available to the general public, for the prevention of substance abuse among its employees. The testing must be performed by a laboratory that is certified for Federal Workplace Drug Testing Programs by the Substance Abuse and Mental Health Service Administration of the U.S. Department of Health and Human Services.

PROCUREMENT OF GREEN PRODUCTS AND TECHNOLOGIES

As approved by the McHenry County Board in April 2008, it is in the interest of public health, safety and welfare and the conservation of energy and natural resources to use and promote environmentally responsible products. The County should strive to influence private purchases through the example of using government specifications and standards that are green or environmentally friendly when making its purchases.

Whenever available and cost-justified, the County should purchase those materials including the purchase of recycled products containing post-consumer materials rather than residual materials resulting from the processing or manufacturing from another product. To the extent practicable, all products standards shall emphasize functional or performance criteria, which do not discriminate against the use of, recycled materials.

McHenry County should cooperate to the greatest extent feasible with other governments and organizations to develop a comprehensive, consistent, and effective procurement effort intended to stimulate the market for recycled products, reusable products, products designed to be recycled, and other environmentally responsible products.

McHenry County shall continue to participate in and shall encourage other public jurisdictions to participate with the County in the purchase of products containing recycled content. Participation in such cooperative systems shall be aimed at obtaining maximum practical recycled content in County purchases, to obtain best available price for products with recycled content, to facilitate or encourage lower prices industry-wide and to encourage development of industries and markets dealing with recycled content products.

PROCUREMENT OF PRODUCTS THAT ARE ENERGY STAR QUALIFIED

McHenry County shall select, where life cycle and cost-effective, ENERGY STAR and other energy efficient products, when acquiring energy-using products. This information will be required by the bidder in their bid submittal.

PURCHASE EXTENSION

This contract shall be offered for purchases to be made by other counties and governmental units within the State of Illinois as authorized by the Government Joint Purchasing Act. All purchases and payments made under this authority shall be made directly by the governmental unit to the Vendor. The County of McHenry shall not be responsible in any way for such purchase orders or payments. All terms and conditions of this contract shall apply to all orders placed by another governmental

unit.

PROTEST PROCEDURES

Any Bidder who believes contractual terms or specifications are unnecessarily restrictive or limit competition may submit a protest, in writing, to the Director of Purchasing. To be considered, the protest must be received by McHenry County five (5) days prior to the stated bid opening. Any adversely affected or aggrieved Bidder shall have ten (10) days from the date of the bid opening to file a written protest regarding the intent to award the bid. Protests submitted after that date will not be accepted. Protests must specify the grounds upon which the protest is based (refer to appropriate statute, rule, code, or ordinance which defines the protest process).

ADDENDUM

Should the Vendor require any additional information about this Bid, please fax to Purchasing (815-334-4680) any questions by the deadline as outlined in the schedule of events. ANY AND ALL changes to these specifications are valid only if they are included by Written Addendum to All Bidders. NO interpretation of the meaning of the plans, specifications, or other contract documents will be made orally. If required, all addenda will be faxed to bidder if a Notice of Intent to Bid has been completed and faxed to the Purchasing Office. In addition, all addenda are posted on the County of McHenry's website. Failure of the bidder to receive any such addendum or interpretation shall not relieve the bidder from obligation under this Bid as submitted. All addenda so issued shall become part of the bid documents. Failure to request an interpretation constitutes a waiver to later claim that ambiguities or misunderstandings caused by a bidder to improperly submit a bid.

Response to these questions will be made by means of an addendum. Only the Director of Purchasing has the authority to issue an addendum.

Addenda are written instruments issued by the County prior to the date for receipt of proposals, which modify or interpret the Bid by addition, deletions, clarifications or corrections.

Prior to the receipt of bids, addenda will be faxed or delivered to all who are known to have received a Notice to Bid. Each vendor shall ascertain prior to submitting a bid that all addenda issued have been received and, by submission of a bid, such act shall be taken to mean that such vendor has received all addenda and that the vendor is familiar with the terms thereof and understands fully the contents of the addenda.

TAXES

The County of McHenry is exempt from paying Illinois Use Tax, Illinois Retailers Occupation Tax, and Federal Excise Tax.

PAYMENTS

The Vendor shall furnish the County with an itemized invoice. Payment shall be made in accordance with applicable provisions of the "Local Government Prompt Payment Act."

VENDOR RESPONSIBILITIES

The selected Vendor will be required to assume responsibility for all services offered in this proposal. The County will consider the selected Vendor to be the sole point of contact with regard to contractual matters, including payment of any and all charges resulting from the contract.

Any contract resulting from this RFP may not be assigned, in whole or in part without written consent of the County. If the Vendor attempts to make such an assignment without the written consent of the County, the Vendor shall nevertheless remain legally responsible for all obligations under the Contract.

INTERPRETATION or CORRECTION of REQUEST for PROPOSALS

Vendors shall promptly notify the Director of Purchasing of any ambiguity, inconsistency, or error, which they may discover upon examination of the Requests for Proposals.

Interpretations, corrections, and changes to the Request for Proposals will be made by addendum. Interpretations, corrections, or changes made in any other manner will not be binding.

CHOICE OF LAW AND VENUE

The bidder agrees that this bid has been executed and delivered in Illinois and that their relationship and any and all disputes, controversies or claims arising under this bid or any resulting contract shall be governed by the laws of the State of Illinois, without regard to conflicts of laws principles. The bidder further agrees that the exclusive venue for all such disputes shall be the Circuit Court of the 22nd Judicial Circuit of McHenry County, Illinois, and the bidder hereby consent to the personal jurisdiction thereof.

RECOURSE for UNSATISFACTORY MATERIALS

Payment shall be contingent upon the County's inspection of and satisfaction with completed work. Any defective work or materials, non-conformance to bid specifications, damaged materials, or unsatisfactory installation shall be corrected to the County's satisfaction by the successful bidder at no additional charge.

TERMINATION

Failure to comply with the terms and conditions as herein stated shall be cause for cancellation of the contract. The County will give written notice of unsatisfactory performance and the Vendor will be allowed thirty (30) days to take corrective action and accomplish satisfactory control. If at the end of the thirty days, the County deems the Vendor's performance still unsatisfactory, the contract shall be canceled. The exercise of its right of cancellations shall not limit the County's right to seek any other remedies allowed by law.

The successful bidder will agree that the resulting contract is made subject to available budgetary appropriations and shall not create any obligation on behalf of the County in excess of such appropriations. In the event that no funds or

insufficient funds are appropriated and budgeted, this Contract shall terminate without penalty or expense to the County thirty (30) days after written notification of termination from the County.

The successful bidder will agree that pursuant to requirements imposed under Illinois law, the County shall have 120 days after each election of county board members to terminate this Agreement, without cause and without penalty.

REJECTION of BIDS, WAIVER of IRREGULARITIES

McHenry County reserves the right to reject any or all bids, to waive irregularities, and to accept that bid which is considered to be in the best interest of the County. Any such decision shall be considered final.

DELIVERY

Delivery will be considered in making the award and the bidders shall state, in the spaces provided expected delivery after receipt of order. Failure to meet said delivery promises without prior consent of the Director of Purchasing will be considered a breach of faith.

WORKMANSHIP

Items shall be manufactured according to the highest traditions of the industry and shall meet all commercial standards of quality. The County shall be the sole judge of acceptable products. Unacceptable products will be rejected and suitable price adjustments made.

QUALIFICATIONS

Each firm submitting an RFP for this project shall submit detailed information concerning the professional qualifications of the individual(s) assigned to carry out this project. Relevant project experience, logistical capabilities and other relevant support data regarding the firm and assigned personnel must be included.

Each firm submitting a proposal for this project must provide at least three (3) references where projects of a similar nature have been successfully completed and implemented. These references should provide the name and address of the entity where the project was completed as well as a contact person.

INSURANCE

General The successful bidder shall maintain for the duration of the contract and any extensions thereof, at bidder's expense, insurance that includes "Occurrence" basis wording and is issued by a company or companies qualified to do business in the State of Illinois that are acceptable to the County, which generally requires that the company(ies) be assigned a Best's Rating of A or higher with a Best's financial size category of Class XIV or higher, in the following types and amounts:

- a) Commercial General Liability in a broad form, to include, but not limited to, coverage for the following where exposure exists: Bodily

Injury and Property Damage, Premises/Operations, Independent Vendors, Products/Completed Operations, Personal Injury and Contractual Liability; limits of liability not less than:

\$500,000 per occurrence and \$1,000,000 in the aggregate;

- b) Business Auto Liability to include, but not be limited to, coverage for the following where exposure exists: Owned Vehicles, Hired and Non-Owned Vehicles and Employee Non-Ownership; limits of liability not less than:

\$300,000 per occurrence combined single limit for: Bodily Injury Liability and Property Damage Liability;

- c) Workers' Compensation Insurance to cover all employees and meet statutory limits in compliance with applicable state and federal laws. The coverage must also include Employer's Liability with minimum limits of \$100,000 for each incident.
- d) Professional Liability Insurance with \$1,000,000 per occurrence and \$1,000,000 in aggregate.

EVIDENCE of INSURANCE

The successful bidder agrees that with respect to the above-required insurance that:

- (a) The County of McHenry shall be provided with Certificates of Insurance evidencing the above required insurance, prior to commencement of the contract and thereafter with certificates evidencing renewals or replacements of said policies of insurance at least fifteen (15) days prior to the expiration or cancellation of any such policies;
- (b) The contractual liability arising out of the contract shall be acknowledged on the Certificate of Insurance by the insurance company;
- (c) The County of McHenry shall be provided with thirty (30) days prior notice, in writing, of Notice of Cancellation or material change and said notification requirement shall be stated on the Certificate of Insurance;
- (d) Subcontractors, if any, comply with the same insurance requirements. In addition to being named as an additional insured on the Certificate of Insurance, each liability policy shall contain an endorsement naming the County of McHenry as an additional insured. A copy of the endorsement shall be provided to McHenry County along with the Certificate of Insurance; and

- (e) have McHenry County named as an additional insured and the address for certificate holder must read exactly as:

County of McHenry, a **body politic**
2200 N. Seminary Avenue
Woodstock, IL 60098

- (f) Insurance Notices and Certificates of Insurance shall be provided to:
McHenry County, Purchasing Department
2200 N. Seminary Avenue, Room 200
Woodstock, Illinois 60098

The County shall be provided with Certificates of Insurance evidencing the above required insurance prior to the commencement of this Agreement and thereafter with the certificated evidencing renewals or changes to said policies of insurance at least fifteen (15) days prior to the expiration or cancellation of any such policies.

The County shall be named as additional insured on all liability policies, and the parties acknowledge that any insurance maintained by the County shall apply in excess of, and not contribute to, insurance provided by successful bidder. The contractual liability arising out of the Agreement shall be acknowledged on the Certificate of Insurance by the insurance company. The County shall be provided with thirty (30) days prior notice, in writing, of Notice of Cancellation or material change, and said notification requirements shall be stated on the Certificate of Insurance.

Acceptance or approval of insurance shall in no way modify or change the indemnity or hold harmless clauses in this agreement, which shall continue in full force and effect.

HOLD HARMLESS CLAUSE

The Vendor agrees to indemnify, save harmless and defend the County of McHenry, their agents, servants, and employees, and each of them against and hold them harm- less from any and all lawsuits, claims, demands, liabilities, losses and expenses, including court costs and attorney's fees, for or on account of any injury to any person, or any death at any time resulting from such injury, or any damage to property, which may arise or which may be alleged to have arisen out of or in connection with the work covered by this contract. The foregoing indemnity shall apply except if such injury, death or damage is caused directly by the willful and wanton conduct of the County of McHenry, their agents, servants, or employees or any other person indemnified hereunder.

EVALUATION

Evaluation of proposals will be done by the Director of Purchasing and associated County staff. Proposals will be evaluated on experience in doing projects of a similar nature and adherence to specifications.

DIRECTIONS FOR SUBMISSION

Qualified individuals or firms are to submit one (1) original, one (1) copy, four (4) electronic copies of the completed proposal along with any support documentation

to:

Mr. Donald A. Gray
Director of Purchasing
McHenry County Administration Building
2200 N. Seminary Avenue, Room 200
Woodstock, Illinois 60098

All data and documentation submitted as part of this RFP shall become the property of McHenry County, Illinois. After award of this contract, all responses, documents, and materials contained in the RFP shall be considered public information and will be made available for inspection in accordance with the Illinois Freedom of Information Act.

All proposals must be received by 2:00 p.m. (CST) on December 20, 2013. Absolutely no proposal will be accepted after the time specified. Late proposals shall be rejected and returned unopened to the sender. The County of McHenry does not prescribe the method by which proposals are to be transmitted; therefore, it cannot be held responsible for any delay, regardless of reason, in the transmission of proposals.

BID ENVELOPES ARE TO BE CLEARLY MARKED WITH THE RFP TITLE, TIME & DATE OF OPENING.

SUBMITTAL

Submit one (1) bid, multiple bids will not be accepted.

PRICING

Price offered shall be firm for at least 120 days after the latest time specified for submission of proposals and thereafter until written notice is received from bidder.

FREIGHT

Freight is all inclusive unless otherwise stated.

FUEL SURCHARGE

The County of McHenry does NOT accept any fuel surcharges.

Section 2: SCOPE OF WORK

Executive Summary

McHenry County primary goal is to create single mode fiber optic infrastructure between McHenry Community College and the McHenry County Government Center in Woodstock. This fiber network will provide access to the high capacity ICN bandwidth provisioned by the State of Illinois at McHenry Community College. McHenry is also seeking to implement a fiber optic infrastructure between multiple secondary sites serving municipal, fire, and other County facilities. McHenry County will implement an Ethernet distribution system across the established fiber network with a minimum of 1 pair placed into service for an Ethernet Data Transport Backbone.

Fiber Backbone

McHenry County will establish a 144 strand single mode fiber optic network between McHenry Community College in Crystal Lake, and the McHenry County Government Center in Woodstock. Additional 144 strand fiber paths will be established to City of Woodstock, City Hall, and Woodstock North High School.

Secondary Fiber Laterals

McHenry County's secondary goal is to provide fiber connectivity to 26 additional public sector locations including schools, municipal and public works facilities. These additional locations will be served as laterals from the primary backbone cable with 24 strand single-mode fiber optic cable.

Transport Network

McHenry County will require that a minimum of 10 Gigabit Ethernet transport be equipped, tested and be placed into service between the two primary locations; McHenry Community College and the McHenry County Government Center. 1 Gigabit links will then be required to link the McHenry County Government Center with multiple secondary locations (up to 26 additional locations); including Woodstock North High School and Woodstock City Hall. Equipment to facilitate 1 Gigabit fiber connectivity will be required for the each secondary location selected for implementation.

Wireless Point to Point System

A wireless point-to-point Ethernet transport data link in licensed spectrum will be required to link the McHenry Community College with the Lake Avenue (City of Woodstock) water tower. This link will be provisioned to provide data connectivity while the duct to be placed by IDOT road reconstruction during 2014 is completed. This radio system may be left in place as a redundant route or may be moved to provide connectivity for other site access once fiber construction is completed.

Public Private Partnership

McHenry County is seeking a public/private partnership to best facilitate the stated goals for this project. McHenry County seeks private investment in the fiber optic infrastructure to leverage available resources to serve the maximum number of sites possible, lower the long term cost of maintenance and operations of the network, and establish the framework to expand the network to addition communities and sites as resources become available.

Design

The McHenry County fiber map identifies the primary anchors sites to be served with the fiber system and a highway based path to facilitate routing of the fiber cabling.

For the design component of this project, the selected firm will verify continuity for fiber path or modify fiber path to avoid obstacles and obstructions. The design phase of this project shall validate the proposed route and identify right-of-way (ROW) required to complete each fiber segment. The design phase will also require site surveys to determine status and any potential issues with proposed anchor sites. The proposed locations for hand holes, slack spans, and potential aggregation point for expansion of the network will also be outlined during the design.

Engineer

From the approved fiber design documents, the vendor will generate construction ready documentation providing running line detail, identifying key obstructions and potential issues and providing construction level detail required for state, local and regional permitting.

Permit

The vendor will generate construction permit applications for fiber cable running line and crossings of state, county, regional and local entities owning and/or controlling the ROW required for continuity. Vendor shall create permit package for each entity and identify and document any permit fees required by each entity for processing or licensing of ROW.

McHenry County will process checks in payment for fees required to obtain ROW access.

Construct

The vendor shall construct fiber segments linking the identified sites.

Fiber construction will provide 144 strand single mode fiber for each fiber segment. Fiber must comply with ITU G.655 standards. Cut sheets must be provided with vendor proposal.

A minimum of 1 ¼" HDPE duct or other industry standard installation methodology is required for new construction fiber paths. Micro duct technology will be considered for fiber system but

pricing must detail cost differential for alternative methodologies proposed (both project based and cost of ownership).

Tracer wire will be placed on all fiber segments. Terminal access for tracer is required at each vault, hand hole and anchor site.

All work must comply with all NEC, EIA/TIA, NFPA, OSHA, State of Illinois and Federal Codes and Regulations.

Test and Document

Full test documentation is required for all fiber installed. Final test data must be provided for all un-terminated, terminated and/or connectorized fiber segments when spliced into final (project complete) configuration. Final construction as-builts must be provided for all fiber paths to include:

- Location – GPS referencing on GIS mapping system required.
- Depth – Mapping must include spot references. Electronic tabulation for directional boring activity preferred.
- Map annotation on other critical infrastructure such as water, sewer and utilities, identified during construction should be included in final as-builts.

Emergency Maintenance

During construction and prior to final acceptance by McHenry County, the selected vendor will provide on-call service as required to make emergency repairs to the fiber network. This emergency maintenance activity will be required for events that cut, damage, or make unusable, fiber duct or fiber support infrastructure on the fiber path.

Primary Fiber Path Description

The following table lists the primary fiber path components addressed by this RFP.

All distances listed with the segments are point-to-point following streets and highways. Distances are rounded up to the next higher .01 of a mile for estimating purposes.

Primary Fiber Construction:

<i>From</i>	<i>To</i>	<i>Distance in Miles</i>	<i>Fiber Requirements</i>
<i>McHenry County College</i>	<i>McHenry County</i>	<i>7.99</i>	

Data Center	Government Data Center	Miles	144 Strand Fiber Cable
McHenry County Administrative Building	Woodstock North High School	1.53 Miles	144 Strand Fiber Lateral
Route 47	Woodstock Municipal Building	1.2 Miles	144 Strand Fiber Lateral

Path Descriptions

1. McHenry County College to McHenry County Government Data Center

The Primary fiber path from McHenry County College to McHenry Government Data Center has three distinct segments.

Segment 1: McHenry County College to State Hwy 14. This segment is new construction to link the McHenry College Data Facility with existing duct on Hwy 14. This segment will include inside plant (ISP) within the facility and outside plant (OSP) from the main campus facility to Hwy 14 ROW.

Approximate distance: 900'

Segment 2: Hwy 14, McHenry County College at Ridgefield Road, Crystal Lake, to the intersection of Lake Avenue, Woodstock. The Hwy 14 segment will have duct placed along the entire path by Illinois Department of Transportation (IDOT) during road reconstruction; Summer of 2014. The selected vendor will pull fiber into the existing duct and link into the new duct constructed at both the Crystal Lake and Woodstock transition points.

Note: Initial project fiber construction is anticipated and required ahead of availability of duct to be placed along Highway 14 by the IDOT reconstruction project. McHenry County will require the selected vendor to complete other construction and fiber splicing and then return to pull fiber in the Hwy 14 duct when available. McHenry County will use an alternate wireless path to provide usable bandwidth to the Woodstock fiber backbone and distribution network until the fiber path is complete to McHenry Community College.

Approximate distance: 3.74 miles.

Segment 3: Hwy 14, Lake Avenue to McHenry County Administration Center. From the existing duct at Hwy 14 and Lake Avenue, new construction will route to Lake Avenue and Hwy 47 and then north on Hwy 47 to Ware Road. New

construction will continue east on Ware Road to the McHenry County Administration Center and the County Data Center.

144 strand fiber cable is required for the McHenry Community College to McHenry County Government Center fiber path.

Approximate distance: 4.1 Mi

Total Path Distance: 7.99 miles

2. Woodstock North High School Fiber Lateral

From the McHenry County Administration Center, new duct and fiber will be placed east along Ware Road to Raffel Road, then routed north along Raffel Road to Woodstock North HS. 144 strand fiber cable is required for the Woodstock North HS fiber path.

Approximate distance: 1.53 mi

3. City of Woodstock Fiber Lateral

From Hwy 47 and Lake Avenue, new duct and fiber will be placed routing northwest along Lake Avenue to Calhoun Street. Fiber will then be routed west along Calhoun Street to the City of Woodstock Municipal Building. (As an alternate, fiber can be routed west from Hwy 47 at Calhoun Street to the City of Woodstock Municipal Building. An additional railroad crossing is required if this path is selected.) 144 strand fiber cable is required for the City of Woodstock Municipal Building fiber path.

Approximate distance: 1.2 mi

Secondary Fiber Path Description

The following table lists the secondary fiber path components addressed by this RFP. These fiber laterals will be constructed with 24 strand single-mode fiber optic cable.

All distances for the listed segments are point-to-point paths following streets and highways. Distances are rounded up to the next higher .01 of a mile for estimating purposes.

Not all secondary sites listed will be selected for construction. However, it is assumed that all contingent site construction will be completed for dependent locations. Vendor shall assume that any site or related chain of sites will be either selected or rejected for construction based on McHenry County budgetary requirements.

Secondary Fiber Construction Sites:

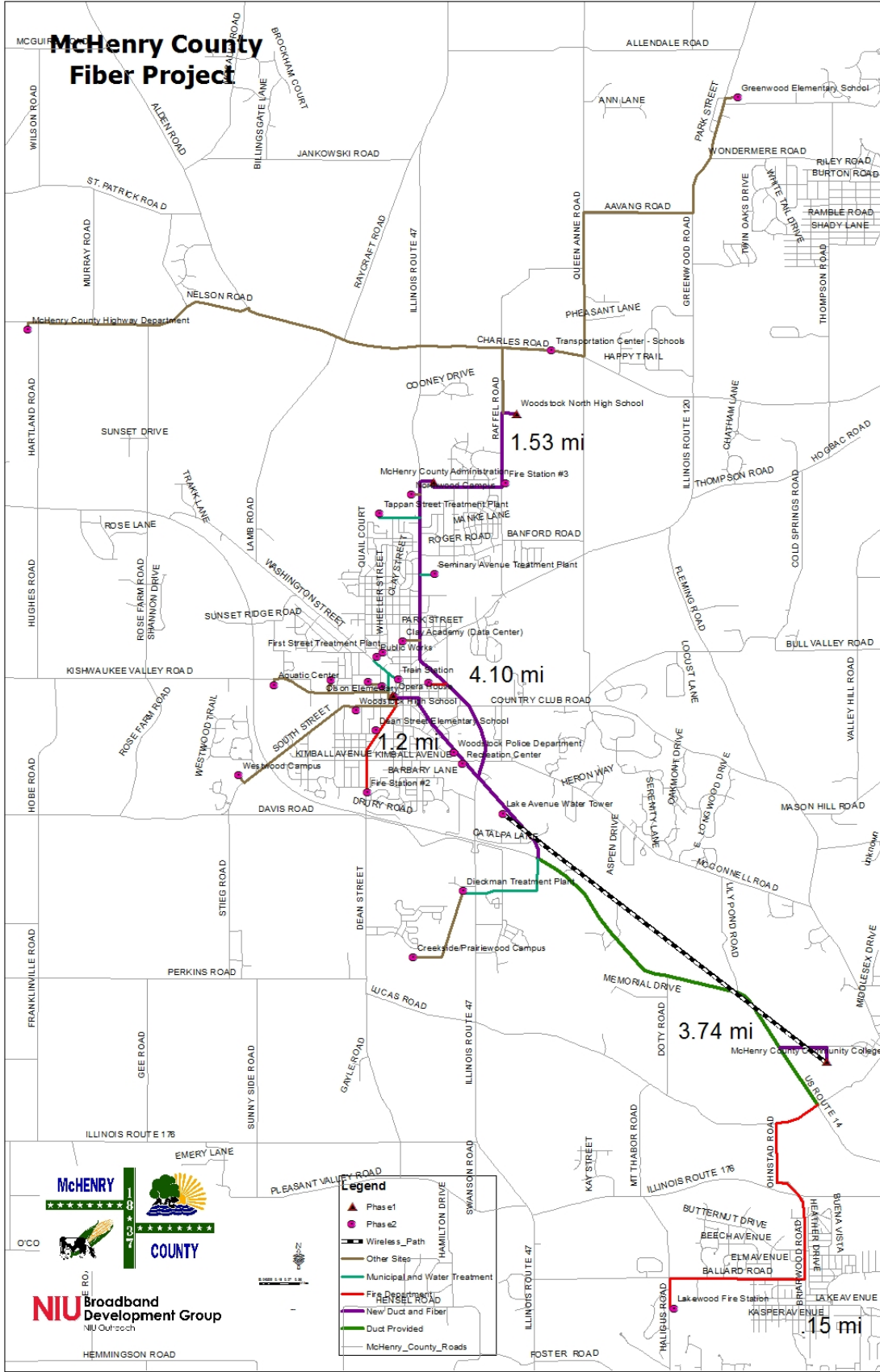
	From	To	#		Street	Suf	Distance
1	Woodstock North HS	Transportation Center - Schools			Charles	Rd	1.06

2	Transportation Center	Greenwood Elementary School			Greenwood	Rd	3.86
3	Raffel Road	McHenry County Highway Department			Nelson	Rd	4.55 mi
4	Woodstock City Hall	Woodstock Community Unit School District		W	Judd	St	0.20
5	Community School Dist	Olson Elementary		W	Judd	St	.63
6	Calhoun St Backbone	Woodstock High School		W	South	St.	.48
7	Olson Elementary	Aquatic Center			Kishwaukee Valley	Rd	0.60
8	Seminary Rd Backbone	Clay Academy (Data Center)			Grove	St	0.2
9	Park Drive Backbone	Fire Station #1		E	Judd	St	.18
10	Dean Street Elementary	Fire Station #2			Dean	St	0.96
11	Raffel Rd	Fire Station #3		N	Raffel	Rd	.025
12	Hwy 14 Backbone	Lakewood Fire Station			Haligus	Rd	3.55
13	Community School Dist	Woodstock Library		W	Judd	St	0.19
14	City Hall	Opera House		W	Van Buren	St	0.02
15	Seminary Ave Backbone	Tappan Street Treatment Plant			Tappan	St	.42
16	Seminary Ave Backbone	Seminary Avenue Treatment Plant		N	Seminary	Ave	.15
17	Woodstock City Hall	Train Station			Washington	St	.35
18	Train Station	Public Works			Washington	St	.35
19	Public Works	First Street Treatment Plant			1st	St	.01
20	Lake Ave Backbone	Recreation Center			Lake	Ave	0.03
21	Lake Ave Backbone	Woodstock Police Department			Lake	Ave	0.03
22	Calhoun St Backbone	Dean Street Elementary School			Dean	St	0.4
23	Woodstock High School	Westwood Campus		W	South	St	1.4
24	Seminary Rd Backbone	Northwood Campus		N	Seminary	Rd	.08
25	Rt 14 & Lake Ave	Dieckman Treatment Plant			Dieckman	St	0.99

26	Dieckman Treatment Plant	Creekside/Prairieview Campus			Hercules	Rd	.92
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Fiber Optic and Wireless Network Map

The map below identifies the location of each of the primary and secondary sites to be priced for fiber connectivity in response to this RFP. The map indicates shortest path between locations using primary road structures for cable path routing. Other paths and routing may be required to avoid obstacles or barriers to fiber implementation. The map also shows the wireless path between McHenry Community College and the City of Woodstock, Lake Avenue Water Tower. This path will be provisioned and equipped as an interim connection until the Highway 14 IDOT road reconstruction and duct placement for the primary fiber path is completed.



Public/Private Partnership

McHenry County is requesting that vendors with an interest in obtaining access to fiber strands on the fiber routes constructed provide both the quantity of fiber desired and the financial component the vendor is prepared to invest in the project to be able to gain access to the fiber paths McHenry County seeks to construct. For the 144 strand fiber backbone, McHenry County College to McHenry County Administrative Center, up to a maximum of 36 strands of fiber (25% of the fiber strands available) will be made available to the selected vendor based on the selected vendor proposal and investment level. For the fiber laterals (24 strand construction) the fiber counts will need to be increased to meet the selected vendor requirements.

Additional fiber segments required by the selected vendor may be constructed at the selected vendor's cost to reach sites critical to support the vendor's business plan. The additional paths and costs should be identified and included in the public/private partnership section of the pricing section for review.

OPTICAL TRANSPORT EQUIPMENT

This RFP requirement seeks to procure, install, test and maintain Ethernet transport backbone equipment providing one 10 Gigabit channel to link McHenry County College with McHenry County Administration Center and provide 1 Gigabit links from the Administration Center to Woodstock High School and to the City of Woodstock. 1 Gigabit links will also be provisioned to the Secondary Sites selected for construction.

System Design:

Primary Path (10 Gigabit)

- Provide single channel 10 Gigabit network transport design to support the McHenry County College to McHenry County Administration Facility link.
- Provide hardware bill of materials for project, to include minor materials (i.e. power cabling, wire management, patch cords, fiber jumpers).
- Provide and install all wire management assemblies and parts.

Secondary Paths (1 Gigabit)

- Provide single channel 1 Gigabit network transport design to support each optical path for up to 26 additional anchor site locations.
- Provide hardware bill of materials for project components, to include minor materials (i.e. power cabling, wire management, patch cords, fiber jumpers).
- Provide and install all wire management assemblies and parts.

Ethernet Transport Equipment Specifications

This request for a 10Gb Ethernet transport service includes termination equipment fiber interfaces to support the 8 mile path between McHenry County Community College McHenry County Administration Center. The Ethernet transport equipment proposed must support the following industry standard functions:

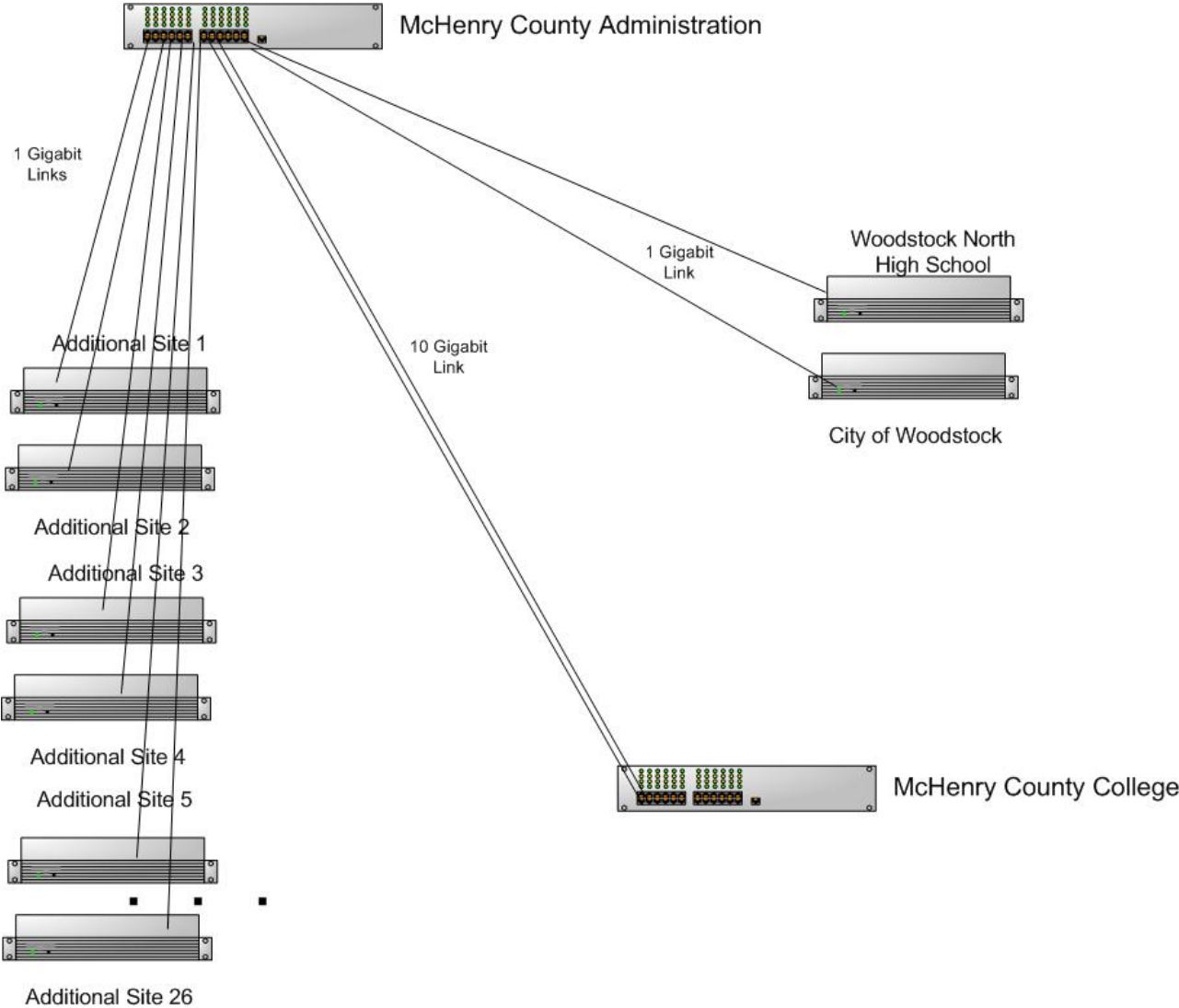
- IEEE 802.1Q VLAN tagging
- IEEE 802.1 P Prioritization
- IP DiffServ at Layer 3
- QoS signal mapping between 802.1p and layer 3 DiffServ
- Must support the ability to perform remote firmware upgrades/updates
- Must support both in-band and out-of-band management access
- Must provide SNMP management support

The proposed transport solutions can provide additional service options and alternatives, including pricing options for DWDM services. However, only a single 10Gigabit transport link is required at this time.

The backbone node to remote site must provide 1 Gigabit Ethernet connectivity between either the primary Administration site and the additional location, or a 1 Gigabit extension from one provisioned 1 Gigabit location to a second 1 Gigabit node connection. The Gigabit Ethernet interface at the node location must integrate into and be managed by the primary backbone chassis providing both backbone transport and primary node Ethernet services. The remote site (subscriber interface device) interface should provide 10/100/1000 Ethernet for subscriber equipment access.

The optical system must include a management solution capable of managing all elements installed for this project. The ability to backup system configurations and create performance and capacity reports is of critical importance. Responses must include details on the configuration management, monitoring and reporting capabilities of the management system. Methods of remote access to network management station and individual network components must be included. Images of the management interface are encouraged for the RFP response.

County Network Logical



System Installation:

- Work closely with McHenry County on installation and configuration of system.
- Install all network components in accordance with industry and manufacturers' guidelines.
- Perform testing on installed network to verify error-free operation.
- Document installation of network components and configurations.
- Document test procedures and test results.
- Document system provisioning as turned over to McHenry County.
- Provide as-built documentation of optical system.

System Maintenance

- 4-hour on-site technician response/hardware delivery to system degraded or down conditions.
- Vendor to provide support staff and equipment spares location details in response.
- 5 years hardware maintenance.
- 5 years software maintenance for networking and management components.

Wireless Point to Point System

This RFP requirement seeks to procure a wireless point-to-point radio system providing connectivity between the McHenry Community College in Crystal Lake and the Lake Avenue Water Tower in the City of Woodstock. The wireless system is required to establish an interim high bandwidth, Ethernet transport system between the two locations to be utilized while IDOT road reconstruction is completed on Highway 14. This radio system will then be moved to other McHenry County facilities to provide Ethernet network connectivity capability once the fiber network is completed. The radio path is shown on the map.

Wireless Requirements

The wireless data system for McHenry County must provide a 446 Megabit per second or greater, data transmission path to support IP services including IP based data and video transmission.

The wireless data system must be optimized to support Metropolitan Area Network types of protocols and applications. Required radio and wireless transport characteristics include:

1. Frequency Spectrum

The proposed radio system shall operate in licensed spectrum.

2. Throughput

The wireless data system for McHenry County must provide speeds of 446 Megabit per second or greater, data transmission path to support IP services including IP based data and video transmission. The radio system must be scalable providing up to 892 Gigabit data transmission path through upgrade. Radios must not require use of adjacent channels only to accomplish the required throughput, as contiguous adjacent channels may not be available.

3. Prioritization

The wireless data network shall be able to respond to and forward network data priority queuing requests (Type of Service field in IP header) in support of latency sensitive applications such as Voice over IP (VoIP) and database applications.

4. Data Compression

Radio system must support white space suppression with bulk compression including header optimization for enhanced microwave transmission efficiency.

5. Network Management

The wireless data network shall provide network management capability for all active wireless components. SNMP Public and Private MIB access shall be required as a minimum. Enhanced monitoring tools including real-time and historic performance monitoring are required. Network management should also include inventory reporting capabilities for the radio system.

6. Software Upgrade

Remote upgrades of software images for transceiver modules and other major components must be supported. Utilities for support of devices should be provided remotely wherever possible.

7. SynchE (v.2) synchronization standard must be supported.

8. Network Interface

The network interface for data connectivity between the wireless data network modules and the subscriber or network equipment shall be auto negotiated 10/100/1000 BaseT. A minimum of 2 ea. optical SFP port shall be provided by the radio system.

9. Split Mount

The radio system must be a "split mount" design utilizing coaxial cable interface between indoor and outdoor radio components.

Network Management and Operations

The McHenry County network will establish a fiber optic based Ethernet transport system designed to support high speed, 10 Gigabit and 1 Gigabit data services, to McHenry County facilities. The high speed network will facilitate connectivity between network nodes and connectivity through other gateway facilities to provide connectivity with ISP services.

The McHenry County fiber system established will require the services of a Network Operations Center (NOC) to:

1. Monitor active network and electronic components and escalate resolution of alarm conditions.
2. Provide a centralized repository for network logical and physical configuration detail to include fiber and cross connect assignments, equipment location and equipment configuration files.

Network Monitoring

McHenry County will require that fiber transport network electronics be installed under this RFP be monitored. The monitoring must be provided on a 24 hour a day, 365 day a year basis. The monitoring shall be facilitated by a network management system and network access to McHenry County sites through a VPN or out of band access.

The equipment set to be monitored (managed) will initially be the fiber optic transport equipment but the ability to monitor and manage other network equipment such as routers, switches is desired.

Client Management

The NOC will be the primary call center for the McHenry County client locations. The client location count is estimated at 10 sites by end of year one, and the site count will continue to increase during year two. The NOC will provide primary call management for McHenry County. The NOC will provide call logging and call escalation procedure to include:

1. Call management and client call escalation procedures.

2. Management of the equipment and/or fiber repair response
3. Management of spare/repair fielding
4. Call closure and notification procedures.
5. Call tabulation and monthly/periodic reporting procedures.

Vendors are asked to describe their Network Operations Center approach, including:

- Location of NOC that would serve the McHenry County network.
- Primary monitoring tools/platforms proposed for monitoring
- Procedures proposed to monitor and interface with the McHenry County network.

Section 3: Project Pricing

Please provide a total cost for all design, engineering, construction and documentation requirements included in this RFP as stated in the Scope of Work.

3.1 Cost by Segment for Proposed Fiber Optic Network

McHenry County College Data Center	McHenry County Government Data Center	7.84	Cost:	_____
McHenry County Administrative Building	Woodstock North High School	1.53	Cost:	_____
Handhole at Route 47	Woodstock Municipal Building	0.41	Cost:	_____
	Total Fiber Miles	9.78 miles	Total Cost	_____

This Page is Optional

3.2 Public/Private Partnership for Proposed Fiber Optic Network

McHenry County College Data Center	McHenry County Government Data Center	7.84		Construction Cost: <hr/> Private Investment Proposed <hr/> Revised Path Cost <hr/>
			Number of Private Fiber Strands Required/Requested <hr/>	
McHenry County Administrative Building	Woodstock North High School	1.53		Cost: <hr/> Private Investment Proposed <hr/> Revised Path Cost <hr/>
			Number of Private Fiber Strands Required/Requested <hr/>	
Handhole at Route 47	Woodstock Municipal Building	0.41		Cost: <hr/> Private Investment Proposed <hr/> Revised Path Cost <hr/>
			Number of Private Fiber Strands Required/Requested <hr/>	
			Total Private Investment Proposed <hr/>	Revised Total Project Cost <hr/>
		9.78 miles		
Additional Segments Required/Requested To	From			<hr/>

Additional Fiber
Miles _____ miles

Additional
Construction
Cost _____

3.2 Secondary Paths - Proposed Fiber Optic Network

Fiber paths from this list will be selected for implementation dependent on primary project costs and supplemental budget authorization from participating organizations. It is assumed that sites dependencies will be constructed.

	From	To		Distance	Construction Cost
1	Woodstock North HS	Transportation Center - Schools		1.06	
2	Transportation Center	Greenwood Elementary School		3.86	
3	Raffel Road	McHenry County Highway Department		4.55 mi	
4	Woodstock City Hall	Woodstock Community Unit School District		0.20	
5	Community School Dist	Olson Elementary		.63	
6	Calhoun St Backbone	Woodstock High School		.48	
7	Olson Elementary	Aquatic Center		0.60	
8	Seminary Rd Backbone	Clay Academy (Data Center)		0.2	
9	Park Drive Backbone	Fire Station #1		.18	
10	Dean Street Elementary	Fire Station #2		0.96	
11	Raffel Rd	Fire Station #3		.025	
12	Hwy 14 Backbone	Lakewood Fire Station		3.55	
13	Community School Dist	Woodstock Library		0.19	
14	City Hall	Opera House		0.02	
15	Seminary Ave Backbone	Tappan Street Treatment Plant		.42	
16	Seminary Ave Backbone	Seminary Avenue Treatment Plant		.15	
17	Woodstock City Hall	Train Station		.22	
18	Train Station	Public Works		.35	
19	Public Works	First Street Treatment Plant		.01	

20	Lake Ave Backbone	Recreation Center		0.03	
21	Lake Ave Backbone	Woodstock Police Department		0.03	
22	Calhoun St Backbone	Dean Street Elementary School		0.4	
23	Woodstock High School	Westwood Campus		1.4	
24	Seminary Rd Backbone	Northwood Campus		.08	
25	Rt 14 & Lake Ave	Dieckman Treatment Plant		0.99	
26	Dieckman Treatment Plant	Creekside/Prairiewood Campus		.92	

3.3 Ethernet Transport Fiber Electronics
(see equipment logical)

Cost to provide 10 Gigabit Ethernet
Data Transport Capability to link
McHenry County College with McHenry
County Administration Center

Cost: _____

Cost to provide a 1 Gigabit Ethernet
Data Transport Capability to Woodstock
North High School

Cost: _____

Cost to provide a 1 Gigabit Ethernet
Data Transport Capability to City of
Woodstock municipal building

Cost: _____

Total Fiber Backbone Electronics Cost

Cost to provide a 1 Gigabit Ethernet
Data Transport Capability to each
additional facility served. (A total of 26
possible facilities to be served.)

Cost Per Site: _____

**Electronics Maintenance with 4 Hour
emergency repair response
Annual Contract**

Annual Equipment
Maintenance Costs: _____

**Five Year Equipment Maintenance – 5
Year Contract**

Five Year Contract
Equipment Maintenance _____

**Electronics Maintenance with Next Day
emergency repair response
Annual Contract**

Annual Equipment
Maintenance Costs: _____

**Five Year Equipment Maintenance – 5
Year Contract**

Five Year Contract
Equipment Maintenance _____

3.4 Wireless Point-to-Point System

Cost to provide a wireless point-to-point Ethernet transport system between McHenry Community College in Crystal Lake and the City of Woodstock Water Tower at Lake Avenue.

McHenry Community College Woodstock Lake Avenue Water Tower Cost: _____

Total
Cost _____

**Option 1. Wireless System
Maintenance with 4 Hour
emergency repair response
Annual Contract**

Annual Equipment
Maintenance Costs: _____

**Option 1. Five Year 4 Hour
response emergency repair
Maintenance – 5 Year Contract**

Five Year Contract
Equipment Maintenance _____

**Wireless System Next Day
response emergency repair
Annual Contract**

Annual Equipment
Maintenance Costs: _____

**Option 2. Five Year Next Day
response emergency repair
Maintenance – 5 Year Contract**

Five Year Contract
Equipment Maintenance _____

3.5 Network Operations and System Management Costs

Operations and network management pricing should indicate both initial cost of establishment of 10 node NOC and monitoring services and the incremental points where costs to monitor the McHenry County network will increase

Monitor Ethernet transport network equipment; 24 hours a day, 365 day a year basis.

The NOC will provide primary call management for McHenry County. The NOC will provide call logging and call escalation procedure to include:

1. Call management and client call escalation procedures.
2. Management of the equipment and/or fiber repair response
3. Management of spare/repair fielding
4. Call closure and notification procedures.
5. Call tabulation and monthly/periodic reporting procedures.

Initial 10 node Ethernet fiber transport network.

Annual Contract Cost: _____

5 Year Contract: _____

Incremental cost for additional Ethernet transport devices or nodes. # of units or nodes: _____

Type: _____

Increase in cost for additional number and type of devices specified above.

Increased Annual Cost: _____

3.6 Alternative Vendor Proposals

Vendors having the business case and investment opportunity are encouraged to provide alternative proposals to McHenry County.

Any alternate proposal must address fully, the services, capabilities and intent of the primary McHenry County RFP; providing bandwidth services and development opportunities to the County through the use of broadband infrastructure.

The alternative proposal must outline the value proposition presented by the respondent with the equipment, services and operational components identified and explained in detail appropriate for McHenry County to evaluate the benefit to the region, benefit to the proposer and, any risk assessment considerations from entry into a contract based on the alternative proposal.

With the stated goal of McHenry County to extend fiber based broadband connectivity to anchor institution, both public and private, across the entire County, alternate proposals that provide revenue sharing or financial resources that can be reinvested in systems expansion, direct investment in network fiber expansion, or other partnership or relationship that will enhance the sustainability of the McHenry County Fiber Network are of great interest.

THIS PAGE IS MANDATORY.

Does your company have a formal safety policy and your employees participate in safety training?
Upon request, would you be able to provide the County with a copy of your safety policy?

YES	NO

REFERENCES

AUTHORIZED NEGOTIATORS:

Name: _____
Phone # _____
Title: _____

Name: _____
Phone # _____
Title: _____

THIS PAGE IS MANDATORY.

List three (3) references that you have done similar work, service or supplied similar products to within the last twelve (12) months (Only correct contact names and phone numbers will be acceptable).

Entity:

Address:

City, State, Zip Code:

Telephone Number:

Contact Person:

Title:

Email:

Entity:

Address:

City, State, Zip Code:

Telephone Number:

Contact Person:

Title:

Email:

Entity:

Address:

City, State, Zip Code:

Telephone Number:

Contact Person:

Title:

Email:

THIS PAGE IS MANDATORY.

**RUBBER STAMPED, FAXED, COPIED, OR TYPED SIGNATURE WILL DISQUALIFY YOUR BID
MUST BE AN ORIGINAL SIGNATURE**

CERTIFICATIONS

Vendor certifies that it has not been barred from contracting with a unit of State or local government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961, as amended.
Yes _____ No

Vendor certifies that it is aware that all contracts for the Construction of Public Works are subject to the Illinois Prevailing Wage Act (820 ILCS 130/1-12) _____ Yes _____ No

Under penalties of perjury, I certify that _____ is my correct Federal Taxpayer Identification Number. I am doing business as a (please check one):

- | | |
|--|--|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Real Estate Agent |
| <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Government Entity |
| <input type="checkbox"/> *Partnership | <input type="checkbox"/> Tax Exempt Organization |
| <input type="checkbox"/> **Corporation | (IRC 501(a) only) |
| <input type="checkbox"/> Not-for-Profit Corporation | <input type="checkbox"/> Trust or Estate |
| <input type="checkbox"/> Medical and Health Care Services Provider Corporation | |

*State full names, titles and addresses of all responsible principles and/or partners below;

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

Name: _____ Title: _____

Address: _____

If needed please submit any additional sheets.

THIS PAGE IS MANDATORY.

PROPOSER'S CERTIFICATION

I have carefully examined the Request for Proposal, Requirements for Statements of Qualifications, Scope of Services Background, and any other documents accompanying or made a part of this Request for Proposal.

I hereby propose to furnish the goods or services specified in the Request for Proposal. I agree that my proposal will remain firm for a period of up to 120 days in order to allow the County adequate time to evaluate the qualifications submitted.

I verify that all information contained in this proposal is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this proposal on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

I further certify, under oath, that this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a proposal for the same product or service. No officer, employee or agent of the County of McHenry or any other proposer is interested in said proposal and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

**State of Incorporation _____

(Individual - Partnership - Company - Corporation)

(Business Address)

(City, State, and Zip Code)

(By Signature)

(Title)

(Witness Signature)

(Title)

(Telephone No)

(Fax No)

(Date)

End of Document