

Northwood Technical College

REQUEST FOR PROPOSAL FOR

26-96100-CW-NETWORK-INFRASTRUCTURE

Network Infrastructure Update

*In the event Northwood finds it necessary to change any of these dates it will do so by issuing an addendum to this RFP.				
Date	Event			
Thursday, October 9, 2025	Date of RFP issue.			
Tuesday, October 21, 2025	Voluntary Walk Through of Campuses			
Wednesday, October 22, 2025	Ashland - Tuesday			
	Superior - Tuesday			
	Rice Lake - Wednesday			
	Shell Lake - Wednesday			
	New Richmond - Wednesday			
Monday, November 3, 2025	RFP inquiry/question deadline @			
	4:00 PM CST.			
Friday, November 7, 2025	Estimated date for Northwood Tech to			
	answer Vendor's questions.			
Thursday, November 13, 2025	Proposals due from Vendor prior to			
	2:00 PM CST.			
Wednesday, November 19, 2025	Northwood Tech Evaluation Process			
Thursday, November 20, 2025	Top Vendors will be invited for Presentation/Demos			
Tuesday, December 2, 2025	Presentations/Demos via Microsoft Teams – time TBD			
Wednesday, December 10, 2025	Northwood Tech Board Meeting (action on			
	recommended proposal)			
Thursday, December 11, 2025	Earliest date Northwood Tech will issue			
	award notice.			
Thursday, January 5, 2026	Estimated Contract Start Date			

SECTION I – GENERAL INFORMATION

Northwood Technical College is guided by its Mission, Vision and Values, and Tenets. Northwood Technical College has a long, rich history that demonstrates our dedication to the community and its members. Learning is our passion, and it shows. Nearly 1 in 9 residents of our district (including a population of 236,200; 286 towns, villages, and cities; and 47 school districts) have taken some sort of class through a Northwood Technical College campus or outreach center. Each year, Northwood Technical College surveys graduates to find out how well their degree or diploma prepared them for their career. The results reveal an impressive record of academic excellence and valuable career perspective.

Northwood Technical College District is one of sixteen 2-year technical college districts in Wisconsin. The district includes most of northwestern Wisconsin, encompassing more than 10,000 square miles and parts or all of 11 counties.

Northwood Technical College offers a wide range of educational opportunities, including associate degree programs, technical diplomas, and certificates. The college serves over 6,400 credit students in 63 full-time programs and also provides education to nearly 8,700 residents through continuing education courses. With more than 1,000 full-time and part-time employees, Northwood is a vital part of the community.

Northwood Technical College is the owner of buildings at four campuses in Ashland, New Richmond, Rice Lake and Superior. In addition, the college owns a Health Education Center in Shell Lake and leases and operates learning centers in Hayward, Ladysmith, and Balsam Lake. Northwood Technical College offers associate degrees, technical diplomas, and certificates in over 50 programs. For more information about Northwood Technical College, please visit www.northwoodtech.edu.

MISSION, VISION, AND VALUES

Mission - Learning First

Learning is our passion. As Northwest Wisconsin's leader in technical education, Northwood Tech creates dynamic opportunities for career preparation and personal growth. We are committed to making each and every experience with us meaningful and professional.

Vision – An Innovative Journey

Education is a lifelong journey of learning and discovery. We embrace innovative theories, techniques, and technologies to ensure success in a changing world.

Values

Empowerment – We value an engaging and supportive environment that inspires learners to achieve their personal and professional goals.

Excellence – We value high quality training, professional development, and customer service in a dynamic learning environment.

Innovation – We value flexible delivery options and embrace the latest theories and technologies to meet individual learners' needs.

Integrity – We value honesty, accountability, and diversity in an open and ethical environment. Collaboration – We value partnerships that enhance learning, promote economic development, and improve quality of life.

SECTION II – INSTRUCTIONS TO VENDORS

1. DUE DATE

Sealed proposals must be received by the Northwood Technical College Purchasing Department Butler by or prior to 2:00 PM CST, on Thursday, November 13, 2025.

The Vendor shall be responsible for delivery of the proposal to the designated place on or before the date and time specified. Proposals received after time of closing will be rejected and returned to the Vendor. Failure to examine any and all documents will in no way relieve the successful Vendor from the necessity of supplying the required products in accordance with the proposal.

2. PUBLIC OPENING

Proposals will be publicly opened on Thursday, November 13, 2025 @ 2:00 PM CST. The public bid opening will be available via a <u>Microsoft Teams Meeting</u>.

3. REQUIRED FORMS TO SUBMIT PROPOSAL

No proposal will be accepted on any other form(s) than those herewith specified and/or provided with the RFP. Addenda issued during the time of bidding shall become part of the proposal documents. Vendor shall acknowledge receipt of such addendum in the appropriate space provided on the Signature Page.

Any conditional proposal, amendment to the proposal or attachment thereto, or the inclusion of any correspondence, written or printed matter, or details of any nature other than that specifically called for may disqualify the proposal. Telecommunication alterations to the proposal will not be accepted.

4. KEY PROPOSAL DATES

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Date	Event			
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Thursday, January 5, 2026	Estimated Contract Start Date

5. KEY PROPOSAL QUESTIONS & SUBMITTAL INFORMATION

No verbal explanation or instruction will be given in regard to this RFP during the proposal period. Northwood Technical College will not be responsible for verbal instruction. Vendors shall bring questions, inadequacies, omissions, or conflicts to Northwood Technical College's attention. All Vendor requests for clarification or interpretation must be received via email to proposals@northwoodtech.edu on or before Monday, November 3, 2025 at 4:00 PM CST. Prompt clarification will be supplied to all Vendors of record via addendum.

Failure to request clarification or interpretation of this RFP will not relieve the Vendor of responsibility. Signing the Qualified Vendor Certification Form will be considered as implicitly denoting that the Vendor has a thorough understanding of the scope of work and comprehension of the Statement of Work.

All attachments, additional pages, addenda, or explanations supplied by the Vendor with this proposal will be considered as part of the proposal response.

6. PROPOSAL DELIVERY OPTIONS

Proposals and all associated documentation shall be emailed to proposals@northwoodtech.edu.

Proposals must be received by Purchasing Department, proposals@northwoodtech.edu, by or prior to 2:00 PM CST on Thursday, November 13, 2025. Any proposal received after 2:00 PM CST will be disqualified. Please include the following in the subject line of the email: 26-96100-CW-NETWORK-INFRASTRUCTURE. Any proposal received without the subject line of the email not properly and clearly marked may result in the proposal being rejected.

a) Email

Proposals shall be emailed to proposals@northwoodtech.edu. The subject line of the email must read **26-96400-CW-NETWORK-INFRASTRUCTURE**. Any proposal received without the subject line of the email not properly and clearly marked with the RFP number may result in the proposal being rejected. The file size shall not exceed 25MB. Files larger than 25MB may be rejected by the Northwood Tech server.

It is the responsibility of the Vendor emailing their proposal to ensure the proposal was received on time to the proposals@northwoodtech.edu inbox. Northwood Tech will respond via email confirming the receipt of your company's proposal. If you do not receive confirmation that your proposal has been received, it is the responsibility of the bidder emailing their proposal to follow up with Shawna Benish at shawna.benish@northwoodtech.edu.

7. ALTERNATE PROPOSALS

Specifications contained in this RFP are intended to define the level of quality and performance and not to restrict competition. Vendors offering alternates shall submit, with their proposal, an itemized comparison to the RFP specification, documenting equivalence for dimensions, quality performance, etc. **Unless indicated otherwise**, Vendors may offer more than one alternate with required supporting documentation. Where certain brands or part numbers are specified, it is for illustration or to establish a

standard for features and construction. <u>Unless indicated otherwise</u>, "or equivalents" are acceptable and allowed, and Vendors are encouraged to offer varying brands of "equivalent" items and supplies for Northwood Technical College's consideration.

8. DEVIATIONS FROM PROPOSAL SPECIFICATIONS

Any deviations from proposal item specifications must be clearly documented on the Qualified Vendor Certification Form. Northwood Technical College reserves the right to determine if any noted deviations or qualifying statements indicated in a Proposal are in the best interest of the college, and reserves the option to reject any proposal(s), all proposals, or a portion of a proposal(s), on that basis.

9. RIGHT TO AWARD ALL OR A PORTION

While Vendors are encouraged to quote as many or all of the items listed in this RFP, it is understood that not all items may be available from one Vendor source. Northwood Technical College will have the option to make "split awards" of the items to multiple Vendors or to award to multiple Vendors if it is determined in the best interest of the College. Vendors need to quote the prices on a line item basis with the understanding that Northwood Technical College may only order partial items of what the Vendor quoted. If the Vendor can offer additionally discounted prices on the premise that it will receive the entire award, or an award of a select "family" of items, the Vendor should enumerate such additional pricing discount options for Northwood Technical College's consideration on a separate page attached to their proposal response.

10. WITHDRAWAL OF PROPOSALS

Proposals may be withdrawn by written request received from the Vendor or an authorized representative thereof prior to the time fixed for opening of proposals, without prejudice to the right of the Vendor to file a new proposal. Withdrawn proposals will be returned unopened. Negligence on the part of the Vendor in preparing their proposal confers no right for withdrawal of the proposal after it has been opened.

Proposals may be held by Northwood Technical College for a period not to exceed ninety (90) days from the date of the opening of proposals for the purpose of reviewing the proposals and investigating the qualifications of the Vendors, prior to the awarding of the contract.

11. ACCEPTANCE/REJECTION

Northwood Technical College reserves the right to accept or reject any or all proposals, to waive any technicality or informality in any proposal submitted, and to accept any part of a proposal deemed to best serve the interests and needs of Northwood Technical College and said determination shall be final.

Northwood Technical College reserves the right to reject all proposals received and reissue the RFP if it is determined an adequate level of competition was not obtained, or if the specifications/terms did not allow for a sufficient level of competing proposals to be received, or if desired specifications, features, or standards were not, in the opinion of Northwood Technical College, acceptable.

Northwood Technical College reserves the right to reject a proposal if the evidence submitted by, or investigation of, the Vendor fails to satisfy Northwood Technical College that the Vendor is responsible and qualified to carry out the obligations of the contract or to complete the Statement of Work.

12. FIRM PROPOSALS

All proposals are to be firm for acceptance for a minimum of (90) days from opening and for the specified contract period. Any exception shall be fully noted. The purchase of the item(s) in this RFP is contingent on budget availability. The college may elect not to proceed with this project, or delay the project, or modify the conditions for this project, if so considered to be in the best interest of the college.

13. LIABILITY

Northwood Technical College shall not incur any liability for any cost the vendor may have incurred in preparing and submitting a proposal in response to this RFP.

14. PAYMENT AND DELIVERY TERMS

Net 30 days after product delivery and receipt of invoice. No advance payments will be made, and no payments will be made without invoices. Northwood Technical College prefers to pay by Visa, if accepted. All proposed items or services are to be delivered tax exempt, FOB Destination – delivered and installed with freight cost included in the price or otherwise quoted on the Northwood Technical College Qualified Vendor Certification Form (if applicable).

15. TAXES

Northwood Technical College is a governmental entity exempt from sales taxes pursuant to Wisconsin Statutes, Section 77.54(9a). Taxes should be excluded in proposals to Northwood Technical College.

16. EVALUATION PROCEDURE, SCORING, AND EVALUATION POINTS

Northwood Technical College evaluates proposals submitted in response to RFP's based on "best value" to the college using a formal process involving an evaluation committee led by Northwood Technical College employees. The Purchasing Department oversees the evaluation process to ensure it is objective and scoring is based on the requirements communicated to the Vendors in the RFP. Northwood Technical College shall be the sole judge in the subjective matters of a Vendor's capability, experience, references, etc. as to what best meets the unique needs of Northwood Technical College. Unless a Vendor can cite a specific statute or administrative code being violated, the subjective judgement or scoring by the Northwood Technical College evaluators is not appealable.

17. EVALUATION CRITERIA

The Northwood Staff Member Evaluation Team will evaluate and rank the written RFP responses that best meet Northwood's needs based on the following criteria and point allocation factors. The award will be based on a point system and awarded to the Vendor with the highest points. The maximum possible points will be two hundred (200) points. The criteria to review and score proposals, may at Northwood's option, include two scoring phases:

Phase 1 will consist of scoring the proposals based on the criteria stated below. The top 2 scoring Vendors from Phase 1, may be invited to participate in Phase 2 if further detaild information regarding the technical and functional features of the proposed solution(s) is deemed necessary by the Evaluation Team.

Phase I – Written Response to RFP:

Scoring of the written responses will be done using the scoring matrix below:

Phase I Scoring	Points
Technical Fit: How well does the proposed solution meet Northwood's technical requirements	30
Installation and Integration: Ease of installation, network setup, and cutover schedule	30
Scalability: Ease and ability of the solution to scale as needed.	20
Vendor Experience: track record, expertise, and references.	10

Support and Warranty: post-installation support and warranty terms.	5
Cost Analysis Cost points will be awarded based on the "Ratio Method". With this method, the proposal with the lowest cost receives the maximum points allowed. All other proposals receive a percentage of allotted points based on their relationship to the lowest cost proposal. The following example demonstrates how price points are calculated under the "Ratio Method".	5
Example: The cost for the lowest proposal grand total is \$100,000. The next lowest proposal has a cost of \$125,000. The total points available for cost = 5 points.	
The proposal with the cost of \$125,000 will receive 16 points. $(100,000/$125,000) \times 5 = 4 \text{ points}.$	
Maximum points	100

Phase II – Interview/Demonstration Process:

Scoring of the written responses will be done using the scoring matrix below:

Phase II Scoring	Points
Product Demonstrations of Technical Requirements	50
Product Demonstrations of Functional Requirements - Provide cable tray and fiber mapping utilizing provided facility documents - Provide an installation plan for standardizing the network racks - Provide a transition plan or installation plan for each campus	50
Maximum points	100

For those companies that are invited to Phase II of the process, the points awarded for Phase I and Phase II will be added together to determine an overall score.

Northwood Technical College reserves the right to request additional information as be reasonably required to make this determination and to further investigate the qualifications of the Vendor as deemed appropriate.

18. VENDOR PRESENTATIONS/MEETINGS

Upon receipt of all proposals meeting the conditions outlined in this RFP and arriving by the specified due date and time, Northwood Technical College reserves the option to meet with a select group (not all) of Vendors that it considers to be in the best interest of Northwood Technical College, to do presentations or clarify details of their proposals to Northwood Technical College staff. If an oral presentation/interview is required of selected finalists, it shall be at the Vendors' expense. However, an award may be made without discussion with the Vendors. Therefore, Vendors are cautioned that proposals should be submitted initially on the most favorable terms, from both a technical and cost standpoint. Unnecessarily

elaborate brochures or other presentations beyond that required to present a complete and effective proposal are not desired.

19. BEST AND FINAL OFFER

Northwood Technical College requests that Vendors submit a Best and Final Offer (BAFO). BAFOs will be evaluated against criteria identified in #17 "Evaluation Criteria". There is no obligation on the part of Northwood Technical College to request a Best and Final Offer or BAFO. Therefore, Vendors should always submit their best proposal with their original submission.

20. WARRANTY

Northwood Technical College requires the Vendor, not the manufacturer, to coordinate and resolve all issues with regard to the warranty of items. Northwood Technical College will not contact the manufacturer.

21. REFERENCES

Northwood Technical College may assign evaluation points passed on comments and review of the Vendor's product and/or services as provided by references.

22. RIGHT TO ADDENDUMS

Northwood Technical College reserves the right to amend the terms and specifications of this RFP. In the event of any changes to the terms and/or specifications of this RFP, a formal addendum to the RFP will be issued.

23. QUALIFIED VENDORS

Only proposals from qualified Vendors shall be considered. The "Qualified Vendor Certification Statement" must be completed in full and submitted with the proposal. Factors that may be considered in determining if a Vendor is qualified include (but are not limited to): Vendor competency, financial capacity, ability to render satisfactory product/work and past performance. Northwood Technical College reserves the right to request additional information to make this determination. Northwood Technical College may make a written request for Vendor's P&L, Balance Sheet, Certified Auditor Statements, or other financial documents for purposes of evaluation of the financial ability of Vendors to provide the materials, service and/or support specified by this RFP. Northwood Technical College reserves the right to request a site visit to Vendor prior to award.

24. DEBARMENT & SUSPENSION CERTIFICATION

The Vendor certifies by signing the Qualified Vendor Certification Form that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal or state department or Vendor.

25. INDEMNIFICATION, ASSIGNMENT, AND SUBCONTRACT

The Vendor agrees to indemnify, defend and hold Northwood Technical College (including their respective officers, directors, employees, subcontractors and agents) harmless from and against any and all liabilities, damages, fines, expenses, penalties, costs, claims, demands and expenses (including costs of defense, settlement, and reasonable attorneys' fees) of whatever type or nature, including damage or destruction of any property, or injury (including death) to any person, arising out of or related to: (a) any act or omission by the Vendor, its agents, employees or subcontractors, (b) any claims or actions by the Vendors' employees, agents or subcontractors, or (c) the failure of the Vendor its employees, agents, or subcontractors to comply with this Contract or any applicable provincial, federal, state or local law, rule or regulation that affects the obligations of the Vendor under this Contract.

Neither party shall assign a right or interest, not delegate, or subcontract any obligation owed without the written consent of the other.

26. PUBLIC INSPECTIONS AND RECORD OF PROPOSALS

In order to maintain the integrity of the competitive proposal process, if a request is made under open records laws to view proposals received for this RFP, proposals received will not be made available until an official award decision by Northwood Technical College has been made.

Northwood Technical College cannot ensure that information will not be subject to release if a request is made under applicable public records law. The redacted copy will be open to public inspection under the Freedom of Information Act (FOIA) without further notice to the Vendor.

If you do not send a redacted copy, your entire proposal will be open to public inspection with the exception of financial data (other than pricing). Redacted versions must be submitted adhering to the following:

a) One (1) electronic file or document EXCLUDING all confidential and proprietary information/documents in Adobe Acrobat 9.0 or greater format. This file must be labeled "[Vendor Name] REDACTED RFP RESPONSE [RFP #]." This is the file that will be submitted to requestors for open records requests. The Vendor should be aware that Northwood Technical College may need to electronically send the redacted materials to members of the public or Vendors when responding appropriately to records requests. Northwood Technical College is not responsible for checking that redactions, when viewed on-screen via electronic file, cannot be thwarted. Northwood Technical College is not responsible for responding to records requests via printed hard copy, even if redactions are only effective on printed hard copy. Northwood Technical College is not responsible if the redacted file the Vendor provides does not adequately protect the information when the redacted file is copied and pasted, uploaded, emailed, and/or transferred via any electronics means.

Proprietary information submitted will be handled in accordance with appropriate procurement regulations and Wisconsin Public Records law. Note: The Wisconsin Public Records law classifies most correspondence with a governmental entity such as Northwood Technical College and member Colleges, as open and available for public inspection. Proprietary restrictions normally are not accepted; however, when accepted it is the Vendor's responsibility to defend the determination in the event of an appeal or litigation.

27. RIGHT TO NEGOTIATE CONTRACT TERMS & CANCELLATION CLAUSE

Northwood Technical College reserves the right to negotiate the terms of the contract, including the award amount, with the selected Vendor prior to entering into a contract. If contract negotiations cannot be concluded successfully with the lowest proposal Vendor, Northwood Technical College may negotiate a contract with the next lowest proposal Vendor. This choice is solely at the discretion of the College.

Northwood Technical College may, without cause, terminate the Contract by giving written notice of such termination to the awarded Vendor. In the event of such termination, Northwood Technical College shall reimburse the services performed and reasonable expenses actually incurred by the Vendor in relation to the work prior to the Vendor's receipt of such notice of termination.

28. PAYMENT FOR CONTRACT PERFORMANCE

Upon complete performance of the contract, Northwood Technical College will pay the Vendor for any balance payment due and payable under the terms of the contract within a reasonable and customary time after receipt of a properly prepared and submitted invoice to Northwood Technical College.

29. CONTRACT DOCUMENT

This written document constitutes the entire agreement of the parties to the contract and will supersede any representations, commitments, conditions, or agreements made orally or in writing prior to the execution of this contract. The contract shall be between Northwood Technical College and the successful Vendor known herein as the "Vendor" per Sec 16.76(1) Wisconsin Statutes, for the provision of services

outlined in the Scope of Work section of this document. Vendors are to include in their proposal submission an advance copy of their standard form or agreement that they would expect Northwood Technical College to sign if they are awarded.

30. CONTRACT TERM

It is the intent of Northwood Technical College to award a contract for installation of the system.

31. INSURANCE

If the Vendor is required to perform work or services onsite at Northwood Technical College the Vendor agrees to maintain commercial liability, bodily injury and property damage insurance against any claim(s) which might occur. Certificate of Insurance shall name Northwood Technical College as additional insured and will be submitted by the Vendor to the Northwood Technical College Purchasing Department prior to any work beginning. Vendor also agrees to maintain worker's compensation insurance as required by the State of Wisconsin for all employees engaged in work.

32. DISTRIBUTION OF PROCUREMENT SOLICITATIONS – DOING BUSINESS WITH NORTHWOOD TECHNICAL COLLEGE

Northwood Technical College uses https://www.northwoodtech.edu/about/purchasing as their primary procurement document distribution system. Vendors interested in accessing bidding opportunities from Northwood Technical College can visit this site for more information. Vendors are responsible for checking this site for any addendums prior to submitting a proposal.

Suppliers wishing to be notified of all bidding and quoting opportunities with Northwood Technical College can subscribe to https://www.demandstar.com/app/wapp/registration for free. Northwood Technical College, is a member of Wisconsin Association of Public Purchasers (WAPP). Varying levels of subscription rates apply for additional services.

Northwood Technical College is not responsible for the content of any proposal package received through a 3rd party bid service. It is the sole responsibility of the vendor to ensure the completeness of the documents received from any 3rd party source.

33. UNIFORM COMMERCIAL CODE

Northwood Technical College contract terms will be to the provisions of the Uniform Commercial Code for the State of Wisconsin and Northwood Technical College will be entitled to all rights and remedies of contract as afforded under the provisions the UCC for the State of Wisconsin, not barring any and all state and federal contract provisions that would also apply and pertain to a Northwood Technical College contract of this dollar magnitude and nature.

34. SAFETY REQUIREMENTS

All materials, equipment, and supplies provided to Northwood Technical College must comply with all safety requirements as set forth by the Wisconsin Administrative Code, Rules of the Industrial Commission on Safety and all applicable OSHA standards. The initial shipment of any items requiring a SDS must include a SDS for each respective shipping location receiving the items. All items must also meet any applicable OSHA and Wisconsin Department of Commerce specifications for shipping, recording and identification.

35. EQUAL EMPLOYMENT OPPORTUNITY PROVISIONS

The Vendor is to comply with Executive Order 11246 entitled "Equal Employment Opportunity" as amended by Executive Order 11375 and as supplemented in Department of Labor regulations (41 CFR Part 60). Northwood Technical College is an Equal Opportunity Employer and Educator operating under the Affirmative Action Plan.

36. AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE

Vendor acknowledges and warrants that their Programs and services are currently in compliance and during the Term of this Agreement shall remain in compliance with all applicable Federal disabilities laws and regulations, including without limitation the accessibility requirements of Section 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794d), and its implementing regulations set forth at Title 36, Code of Federal Regulations, Part 1194.

Vendor agrees to promptly respond to, resolve, and remediate any complaint regarding accessibility of its products or services in a timely manner and provide an updated version to Customer at no cost. Customer reserves the right to request, from Vendor, a timeline by which accessibility standards will be incorporated into the Programs and Vendor shall provide such a timeline within a commercially reasonable duration of time. Vendor further agrees to indemnify and hold harmless Customer from any claims arising out of its failure to comply with the requirements of this section. Failure to comply with these requirements shall constitute a material breach of this Agreement and shall be grounds for termination of this Agreement by Customer as set forth in this RFP.

37. COOPERATIVE PURCHASING

Wisconsin statutes establish authority to allow Wisconsin municipalities to participate in cooperative purchasing when Vendors agree to extend their terms to them. If the Vendor is willing to provide opportunities for other public agencies to piggyback a Northwood Technical College awarded contract, please complete the "Cooperative Purchasing Agreement" included with this RFP. If you wish to offer discounts in rates based on additional volume of business being added if other public agencies piggyback a Northwood Technical College awarded contract, please include an additional fee table you're your proposal reflecting these discounts.

Any volume/quantity price breaks offered by your company should other public agencies wish to piggyback this contract will NOT be factored into Northwood Technical College's award decision for this project (since it cannot be assured if any other public agencies would actually join/piggyback this contract, adding increased business volume to meet any lower discount rates offered).

SECTION III – SCOPE OF WORK

Northwood Technical College is seeking proposals for the installation of a scalable, updated network infrastructure at the Ashland, New Richmond, Rice Lake, Shell Lake and Superior campuses. The system will include updating existing backbone topology to a star/hub-and-spoke with IDF's and an MDF for each campus, installation and implementation of standard cable pathways, updating existing OM1 fiber to minimum OM3 with demo of old and installation of standard fiber equipment in each rack, the demolition and replacement of CAT 5e or less cabling, the grounding of any ungrounded network racks, and the standardization of our network rack layouts.

Voluntary walk throughs will be conducted at all 5 campuses:

Location	<u>Date</u>	<u>Time</u>	<u>Entrance</u>
2100 Beaser Ave., Ashland	Tuesday October 21, 2025	9:00 am	W1
600 N. 21 st St., Superior	Tuesday October 21, 2025	1:00 pm	1
1900 College Dr., Rice Lake	Wednesday, October 22, 2025	8:00 am	4
500 Pine Ridge Dr., Shell Lake	Wednesday, October 22, 2025	10:30 am	Lower level
1019 S. Knowles, Ave., New Richmond	Wednesday, October 22, 2025	1:30 pm	Main entrance

Maps of all locations:

Ashland Interior Floor Plan

Superior Interior First Floor Plan
Superior Interior Second Floor Plan
Superior Interior Third Floor Plan

Rice Lake Interior First Floor Plan
Rice Lake Interior Second Floor Plan

<u>Shell Lake Interior First Floor Plan</u> <u>Shell Lake Interior Second Floor Plan</u>

New Richmond Interior Floor Plan

APPENDIX INFORMATION FOR PRESENTATIONS (This information is only for those Vendors that are invited for presentations.)

- Appendix A Ashland Facility Table Tray Example use this as an example for other cable tray mapping.
 - Please provide physical representation for fiber and cable tray mapping.
- Appendix B Port Standardization this is provided as an example for how we would like our network racks standardized.
- Appendix C Rack Standardization this is provided as an example for how we would like our network racks standardized.
- Appendix D Backbone Topology this is another example for how we would like our fiber routed.
- Appendix E Closet Locations documentation of where the existing closets are located.

SPECIFICATIONS – NETWORK CABLING SERVICES AND SUPPORT

TECHNICAL ENVIRONMENT

- Network Environment Aruba and Cisco-based Infrastructure, IP Routing, Segmented Topology
- Voice Infrastructure Microsoft Teams-Based VoIP running over Data Network
- Fiber Optic Backbone connecting IDF's and MDF's as well as some campus buildings.
- Total network devices > 4000
- Instructional Technology multi-media workstation in every classroom/conference room (includes desktop computer, docking station, document camera, LCD projector, STEM audio equipment, and IP phone)
- IP video surveillance system
- IP HVAC and security panels
- 40 network switch stacks
- 210 wireless access points
- Media Services Videotaping, content management for LCD panels (located throughout the college), wiring systems, transfer of video and audio files, media management for special public events.

ITEMS TO BE ADDRESSED IN THE PROPOSAL

Proposals shall provide a straightforward, concise description of the proposed delivery of service and the Vendor's ability to achieve the same in the format provided. Emphasis should be on completeness and clarity. Unnecessarily elaborate brochures, artwork, or other presentations beyond that sufficient to present a complete and effective proposal are not desired.

The following items need to be addressed in your proposal. Please provide complete responses to the items requested. Phase I of the selection process will be scored using the written response only. Failure to provide sufficient information will impact the Vendor's score.

Overview of services

Northwood is requesting qualified Vendors to:

- 1. Install cable and fiber.
 - a. All installations will be per Industry standards and aesthetically consistent with existing architecture. All exterior components of this system must be water and weather resistant that meet or exceed all current building code requirements.
- 2. Propose a plan for implementation and cutover.
- 3. Train Northwood staff on operational and maintenance requirements.
- 4. Have a minimum of two years of enterprise level experience, be an Authorized Dealer in good standing and maintain at least two certified installation technicians with experience on the proposed system.
- 5. Include a write up of the company, how long the company has been in business, background information on the number of field technicians employed with your company and include any specialized training or certifications they have with copper and fiber optic systems. Include the background of key staff who will be assigned to this project. Northwood prefers a single "point of contact" with a quick response time.
- 6. Identify other information that could set your company apart or enhance this installation work.

EXAMPLE PLANS

Create an example transition plan for the Rice Lake campus. Using the drawings linked above for Rice Lake to create a written transition plan with costs to convert the building from its existing layout to the proposed layout. Costs should include both equipment, installation, and labor costs. The Vendor should assume the following information about the current campus equipment and its locations.

COST PROPOSALS

The following cost information needs to be submitted as part of this RFP response packet. The cost proposal will be completed and submitted on Section IV – Vendor Pricing Form.

- 1. Costs to be provided and used for evaluation of the RFP response:
 - a. Hourly rate for consultation and audit services.
 - b. Firm Fixed price for system design and implementation plan.
 - c. Hourly rate to commission system and train Northwood Tech staff.

2. Other Considerations / Deliverables

- a. Vendor shall complete walk-throughs with a representative from Northwood Tech prior to handing over a completed installation to Northwood Tech.
- b. Vendor will at a minimum bi-annually meet with Northwood Tech to report on the status of the systems.
- c. Vendor will be responsible for taking care of all warranty related issues pertaining to all hardware installed under this award.
- d. Vendor shall warranty their work (labor and parts) for at least one year from the date of completion.
- e. Any wiring/cabling installed by the Vendor will be installed to Northwood Tech standards which may include testing and certifying network cabling. Specific requirements shall be provided by Northwood Tech Facilities or IT staff.
- f. Vendor will work in conjunction with Northwood Tech IT Staff.

STANDARDS

All work shall conform to the latest National Electrical Code®, building codes, and all local codes as applicable.

- ANSI/TIA/EIA-568-B.1 and addenda" Commercial Building Telecommunications Cabling Standard Part 1: General Requirements"
- ANSI/TIA/EIA-568-B.2 and addenda" Commercial Building Telecommunications Cabling Standard Part 2: Balanced Twisted-Pair"
- ANSI/TIA/EIA-568-B.3 and addenda" Commercial Building Telecommunications Cabling Standard Part 3: Optical Fiber Cabling and Components Standard"
- ANSI/TIA/EIA-569-A and addenda" Commercial Building Standard for Telecommunications Pathways and Spaces"
- ANSI/TIA/EIA-606 and addenda" Administration Standard for the Telecommunications Infrastructure of Commercial Buildings"
- ANSI/TIA/EIA-607 and addenda" Commercial Building Grounding and Bonding Requirements for Telecommunications"
- ANSI/TIA/EIA-526-7" Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant"
- ANSI/TIA/EIA-526-14A" Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant"
- IEC/TR3 61000-5-2 Ed. 1.0 and amendments "Electromagnetic compatibility (EMC) Part 5: Installation and mitigation guidelines Section 2: Earthing and cabling"
- ISO/IEC 11801:2000 Ed1.2 and amendments" Information technology Generic cabling for customer premises"
- CENELEC EN 50173:2000 and amendments" Information Technology Generic cabling systems"

VENDOR QUALIFICATIONS

Specifications are for a Hubbell Premise Wiring Certified Installer or equal. Vendor is requested to submit a proposal offering Hubbell or the equivalent to Hubbell will be considered.

- 1. Only products of reputable manufacturers as determined by the Engineer will be acceptable.
- 2. The installing Vendor shall be certified by the manufacturer of the structured cabling system. Documentation of certification is required at the time of bid. Shop drawings will not be approved until proof of certification is submitted.
- 3. The Vendor shall be experienced in all aspects of this work and shall be required to demonstrate direct experience on recent systems of similar type and size.

- 4. The Vendor shall own and maintain tools and equipment necessary for successful installation and testing of optical and copper structured cabling systems and have personnel adequately trained in the use of such tools and equipment.
- 5. The Vendor shall obtain the services of a RCDD (Registered Communications Distribution Designer) for the project. The RCDD shall perform the following tasks on the project:
 - a. Review Vendor's submittals and stamp the submittals with a current RCDD stamp stating the submittals compliance with the contract documents.
 - b. Provide written and dated confirmation of an observation of the Vendor's installation activities no less than every month during the construction period.
 - c. Provide a final written and dated confirmation of a final construction review prior to testing.
 - d. Review final testing of system and provide current RCDD stamp on the documented results or transmittal of the results stating the test results compliance with the contract documents.
- 6. The Vendor shall have Hubbell Premise Wiring certified installation technicians, or equivalent, on staff to perform the following tasks on the project:
 - a. Act as the field superintendent or job foreman with the responsibility of monitoring the daily work of each technician.
 - b. Oversee all testing and termination of cabling.
- 7. A resume of qualification shall be submitted with the Vendor's bid indicating the following:
 - a. Documentation of certification of This Vendor by the proposed structured cabling system manufacturer as required at the end of this specification section.
 - b. Resume and certification of the RCDD for the project as required by the form at the end of this specification section.
 - c. Resume and Manufacturer specific Structured Cabling System certification of the lead installation technician for the project.

CABLE TESTING CRITERIA

Cable shall meet the Hubbell Premise Wiring Mission Critical Warranty Program specifications and testing criteria or Northwood Technical College approved alternate.

Vendor shall provide Northwood Technical College with a printout certifying that cable and installation meet the requirements set forth in this request for proposal.

HORIZONTAL CABLING

The Horizontal Structured Cabling System shall consist of Category 6 Hubbell Nextspeed plenum cables placed from the Telecommunications Room on each floor to the outlets. All Category 6 outlets will terminate in the Telecommunications Room with Hubbell NEXTSPEED Xcelerator Modular Insert Keystones on Hubbell unloaded 48p 2U patch panels provided by the Vendor. Wire management shall be used to provide cable management to each side of the cabinet.

Cabling for horizontal cabling shall be routed through cable tray in hallways and J-hooks placed above ceiling and below floor as needed in each room to accomplish proper cable routing to work areas. J-hooks and all cable pathways they create shall follow building lines and allow access to cabling from hallway and open area locations and not be placed over other end user offices. J-hooks should follow all building lines.

Outlet types are as follows:

- CAT6 Outlet 4-port Hubbell Premise wiring ethernet outlet mounted on wall in device box at the workarea. Outlets will be terminated on patch panel mounted locally in nearest IDF.
- Vendor will provide all materials to place and terminate all outlet types. All poke-thru devices shall be provided.
- Category 6 modules will be color coded as needed per project requirements.
- Category 6 horizontal cables shall be standard color green.
- Patch cords to complete work area patching shall be provided by the college.

Patch cords to complete closet patching shall be provided by the Vendor. One (1) CAT 6 patch cord, 6
inches to 1 foot in length and in color specified for device shall be provided for each active device in this
project.

BACKBONE-FIBER

Fiber optic cabling shall be Hubbell HFCB19 Series Indoor/Outdoor 6-strand, plenum 50-micron OM4 MMF. Unarmored cabling shall be run in conduit sleeve of the same color as the fiber cabling itself, following all standard cable tray and j-hook pathing between closets and floors to run from IDF to MDF or specified locations. Each fiber optic cable will terminate in a fiber patch panel in a mux box mounted at the top of each cabinet with LC to LC termination preferred. Each fiber pair will be plugged into the fiber patch panel consecutively and documented for its neighbor endpoint rack. All fiber patch panel pairs shall be labeled with a six-digit code provided by the college to determine remote endpoints.

CABLE TRAY & J-HOOKS

Cable tray shall be placed inside the Telecommunications Rooms, Equipment Rooms, and hallways to provide a pathway into the room and routing the cables to the rack-mounted termination hardware. Cable tray will be 12" wide and mounted to walls and racks. Tray shall be mounted above racks and doors to allow a natural cable drop from the tray to the rack.

The cabling from the Telecommunications Rooms will be routed to their respective outlets utilizing J-Hooks above ceiling and below floor. Cables will be bundled in groups of less than 50 and placed no more than 5' apart following the pathway from Telecommunications Room to work area outlet. Cable pathways and all mounting hardware as well as any placement of these devices are the responsibility of the Vendor. All cable trays shall be grounded to an approved building ground.

GROUNDING

Vendor shall ground network equipment according to standard electrical code.

VENDOR CERTIFICATION

Vendor shall be certified as Hubbell Certified Installers, Hubbell Premise Wiring Certified Installers, Fiber Optics Certified Installers, Mission Critical Warranty Certification, or any equivalent certification and provide proof of certification through a cert card, website listing, or other legitimate documentation. Vendor shall have at least 1 supervisor with minimum 3 years experience as a certified cable and fiber optic installer to oversee the project fiber and horizontal installation. https://icecontractors.net/certifications/

SECTION IV -VENDOR PRICING FORM

The undersigned, on behalf of the Vendor, certifies: (1) this offer is made without previous understanding, conflict of interest, agreement or connection with any person, firm or corporation making a proposal on the same project: (2) is in all respects fair and without collusion or fraud: (3) the person whose signature appears below is legally empowered to bind the firm in whose name the proposal is entered: (4) they have read the complete Request for Proposal and understand all provisions to perform the work required by the proposed purchase contract documents referred to therein (as altered, amended or modified by addenda); if acceptable by Northwood Technical College, this proposal is guaranteed as written and will be implemented as stated; and (6) mistakes in writing of the submitted proposal will be their responsibility.

Each section of this Vendor Pricing Form must be filled out in its entirety to be properly evaluated. Failure to complete, could result in disqualification.

<u>Item</u>	<u>Qty</u>	<u>U/M</u>	<u>Item Description</u>	<u>Total Price</u>
			Ashland Campus	
1	1	EA	Cable Trays	\$
2	1	EA	Fiber	\$
3	1	EA	Ground network racks	\$
4	1	EA	Update racks and ports to standard switch patch configuration	\$
5	1	EA	Demo of all CAT 5e or less cabling	\$
			SUB TOTAL – ASHLAND CAMPUS	\$
			New Richmond Campus	
1	1	EA	Cable Trays	\$
2	1	EA	Fiber	\$
3	1	EA	Ground network racks	\$
4	1	EA	Update racks and ports to standard switch patch configuration	\$
5	1	EA	Demo of all CAT 5e or less cabling	\$
			SUB TOTAL – NEW RICHMOND CAMPUS	\$

<u>Item</u>	Qty	U/M	<u>Item Description</u>	Total Price		
	Rice Lake Campus					
1	1	EA	Cable Trays	\$		
2	1	EA	Fiber	\$		
3	1	EA	Ground network racks	\$		
4	1	EA	Update racks and ports to standard switch patch configuration	\$		
5	1	EA	Demo of all CAT 5e or less cabling	\$		
			SUB TOTAL – RICE LAKE CAMPUS	\$		
			Superior Campus			
1	1	EA	Cable Trays	\$		
2	1	EA	Fiber	\$		
3	1	EA	Ground network racks	\$		
4	1	EA	Update racks and ports to standard switch patch configuration	\$		
5	1	EA	Demo of all CAT 5e or less cabling	\$		
			SUB TOTAL – SUPERIOR CAMPUS	\$		
	Shell Lake Campus					
1	1	EA	Cable Trays	\$		
2	1	EA	Ground network racks	\$		
3	1	EA	Update racks and ports to standard switch patch configuration	\$		
			SUB TOTAL – SHELL LAKE CAMPUS	\$		
			GRAND TOTAL	\$		

SECTION V – SIGNATURE PAGE

Compliance

Compliance	
Vendor agrees that their proposal complies with all the requirements outlined in the RFP: YES NO (If there are any deviations or exceptions from specifications, conditions or statement of work, vendor is required to note those on a separate page and submit them with this proposal.)	
Addendum(s)	
List Addendum Numbers you have received (if applicable),,,	
<u>Contracts</u>	
Is your company on any state or public agency cooperative purchasing contracts for the products and/or services	
indicated in this RFP? YES NO If yes, list name of contract(s) and contract number(s):	
in yes, list fiame of contract(s) and contract number(s).	
Required Documents	
All information requested by Northwood Technical College should be attached to the proposal upon submission. Additional information or illustrative literature, if necessary, may also be included. If any of the documents identified as required below are not submitted by the due date and time, your proposal will be rejected. Completed RFP documents to be submitted to Northwood Technical College as outlined in Section II, #6 and #26:	
1. Required: Vendor Qualifications	
2. Required: Section IV – Vendor Pricing Form	
3. Required: Section V – Signature Page	
4. Required: Section VI – Qualified Vendor Certification5. Required: Section VII – References	
6. Optional: Section VIII – Cooperative Purchasing Agreement	
Vendor Signature The undersigned, on behalf of the Vendor, certifies: (1) this offer is made without previous understanding, conflict of interest, agreement or connection with any person, firm or corporation making a quotation on the same project: (2) is in all respects fair and without collusion or fraud: (3) the person whose signature appears below is legally empowered to bind the firm in whose name the quotation is entered; (4) they have read the complete Request for Proposal and understand all provisions to perform the work required by the proposed purchase contract documents referred to therein (as altered, amended or modified by addenda); if accepted by Northwood Technical College, this proposal is guaranteed as written and will be implemented as stated; and (6) mistakes in writing of the submitted quotation will be their responsibility.	
Vendor Contact Information (please type or print clearly) Company	
Name:	
Name and Title of contact person:	
Name and Title of proposer (if different from above):	
Address: Street City State Zi	ip
Telephone: Email Address:	
Signature:	

SECTION VI – QUALIFIED VENDOR CERTIFICATION FORM

The following questions shall be completed and submitted as part of your proposal response. Failure to provide required forms with your proposal will disqualify your proposal. Please see "Public Inspection of Proposals" in the Instructions to Vendors of this RFP document for information regarding Wisconsin open records laws.

Com	pany Name:
Addı	ress:
Туре	e of Firm □ Corporation □ Individual □ Partnership □ Other
(If "C	Other", explain)
If yo	u are a corporation, what state are you incorporated in?
Wha	t year did your business begin?
Tota	l Number of Employees: (office and labor staff)
Aver	rage number of employees in your organization in the last 12 months:
-	ubmitting this proposal, I certify that I am qualified to provide the items and/or services outlined his Request for Proposal. By placing my initials next to each statement, I attest to the following:
a.	Our company has been in business for at least 3 years.
b.	Our company is an authorized dealer and service agency for any and all products or items provided.
c.	Our company maintains a permanent place of business and is licensed to do business in Wisconsin.
d.	Our company is not presently on any lists maintained by the Wisconsin Department of Administration, or by any other State or the Federal Government, for debarment, suspension, or noncompliance for any violation of any kind, or related to any equal opportunity and/or affirmative action requirement.
e. susp	Our company is authorized to sell the products being proposed in the RFP, with no claim or icion of any kind as to any patent or copyright infringements, or claims of actions pertaining thereto, that would be of a legal concern or issue to your company or to this public agency as it relates to laws regarding patents, copyrights, royalties, infringements, etc.
f.	In connection with the performance of any work covered by this RFP, we agree not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability, sexual preference, or national origin.
g.	The Vendor agrees it is an independent contractor with respect to the services provided pursuant to this agreement. Nothing in this agreement shall be considered to create the relationship of the employer and employee between the parties.

SECTION VII – REFERENCES

REFERENCES – Please provide the names of at least three (3) company references below (customers of similar size and support requirements to include Higher Education, Foundation):

Company #1	
Name and Title of contact person:	
Address:	
Telephone:	
Email Address:	

Company #2

Name and Title of contact person: Address: Telephone: Email Address:

Company #3

Name and Title of contact person: Address:

Telephone: Email Address:

Company #4

Name and Title of contact person:

Address: Telephone: Email Address:

SECTION VIII - COOPERATIVE PURCHASING AGREEMENT - Optional

Wisconsin statutes establish authority to allow Wisconsin municipalities to participate in cooperative purchasing when the contractors agree to

extend their terms to them. Participating in the service gives vendors opportunities for additional sales without additional bidding. Please be aware that your participation is voluntary. Municipalities use the service to expedite purchases. A "municipality" is defined as any county, city, village, town, school district, board of school directors, sewer district, drainage district, vocational, technical and adult education district, or any other public body having the authority to award public contracts (s. 16.70(8), Wis. Stats.). Interested municipalities will contact the contractor directly to place orders and are responsible for receipt, acceptance and inspection of goods directly from the contractor, and making payment directly to the contractor. Northwood Technical College in serving as the lead agency initiating this cooperative purchasing program on behalf of other Municipalities, is not party to any disputes arising from purchases made by other municipalities, and is not liable for delivery or payment purchases made by other municipalities. ☐ I Agree to make the products or services of this bid/proposal, as priced, for the period from to available to: Wisconsin Municipalities (check all that apply): Wisconsin Technical Colleges University of Wisconsin System ☐ Wisconsin K – 12 Schools Wisconsin Municipalities (Non Educational) – please specify _____ ☐ Within a certain region/section of the state – please specify ____ Indicate here if you would be willing to offer a discount to other public agencies that would "piggyback" and purchase additional items from your firm if a contract is awarded by Northwood Technical College to your firm (ie: other public agencies "piggybacking" a competitively awarded contract rather than needing to issue their own RFP): _ % Discount if a second item/system is purchased or a second public agency purchases from the awarded contract. % Discount if a third item/system is purchased or a third public agency purchases from the awarded contract. % Discount if a fourth item/system is purchased or a fourth public agency purchases from the awarded contract. By what date would other public agencies need to make a purchase from your firm before the price break policy expires: Note in your proposal any special conditions or provisions. Indicate here if you agree that should a system-wide agreement be executed between the awarded Vendor and the Wisconsin Technical College System (WTCS), or any public cooperative contract agreement that the WTCS is authorized to utilize such as MICTA, NJPA, Federal GSA, etc., Northwood Technical College shall have the option, when such lower price is available for use by the WTCS, to ☐ I Do Not Agree to make the products/services of this bid/proposal available to Wisconsin Municipalities Signature Date (mm/dd/yyyy) Name (Type or Print) Title Email: Company Tel: (Fax: (Address (Street) City State ZIP + 4Commodity/Service Request for Bid/Proposal Number 26-96100-CW-NETWORK-INFRASTRUCTURE

APPENDIX A





Created By:	Susan LaPine
Updated By:	Susan LaPine

Date
Created:
Revised
Date:

7/1/2024

Title:

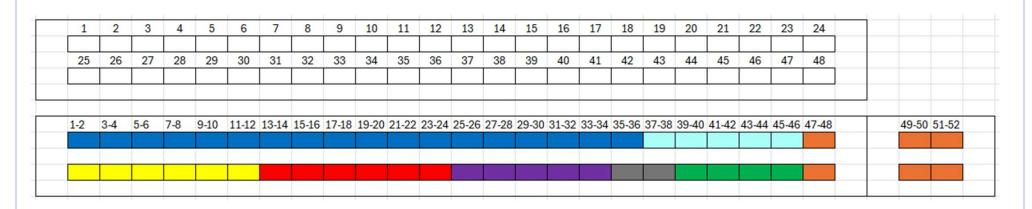
Description:

2024-Port-Standardization.vsdx

Current Configuration of Patch-Switch in Network Racks

Switch-Patch Configuration

APPENDIX B

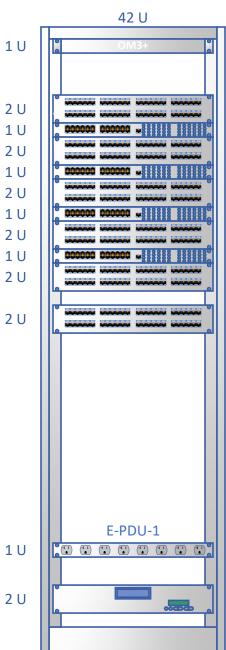


Legend	
Odd 1-35: Access	
Odd 37-45: Cameras	
47-52: Uplink	
Even 6-12: AP	
Even 14-24: Alertus/Facilities	
Even 26-34: Media	
Even 36-38: Printers	
Even 40-46: Servers/UPS/ Network	

Northwood	Created By:	Susan LaPine	Date Created:	8/13/2025	Title:	Rack Standardization	
	Technical College	Updated By:	Susan LaPine	Revised Date:	8/13/2025	Description:	Standard Network Cabinet Layouts

RL-EXAMPLE

APPENDIX C



Fiber Mux Box

Hubbell Multimedia Jack Patch Panel 2U 19"

Aruba 6200F

Leviton Surge Strip/PDU 1U 19"

Eaton 5P3000 UPS M3 card

Northwood Technical College Updated By: Susan LaPine Created: 9/6/2024 Title: New Backbone Topology, vsdx New Backbone Topology, vsdx Pligh-level visual representation of new backbone connection	W Northwood	Created By:	Susan LaPine	Date Created:	9/6/2024	Title:	New Ba	ackbone Topology.vsdx
RL-CHARLIE RL-BRAVO RL-Server 3 U RL-ALPHA 1 U RL-GOLF 1 U	Technical College	Updated By:	Susan LaPine		9/18/2025	Description:	High-level visual represe	entation of new backbone connections
RL-CHARLIE RL-BRAVO RL-Server 3 U 1 U RL-GOLF 1 U					APPENI	DIX D		
RL-CHARLIE 3 U RL-BRAVO 3 U 1 U RL-ALPHA 1 U								
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RL-ALPHA 1U						/1		
RL-ALPHA 1 U 1 U			RL-CHARL	IE			RL-BRAVO	RL-Server
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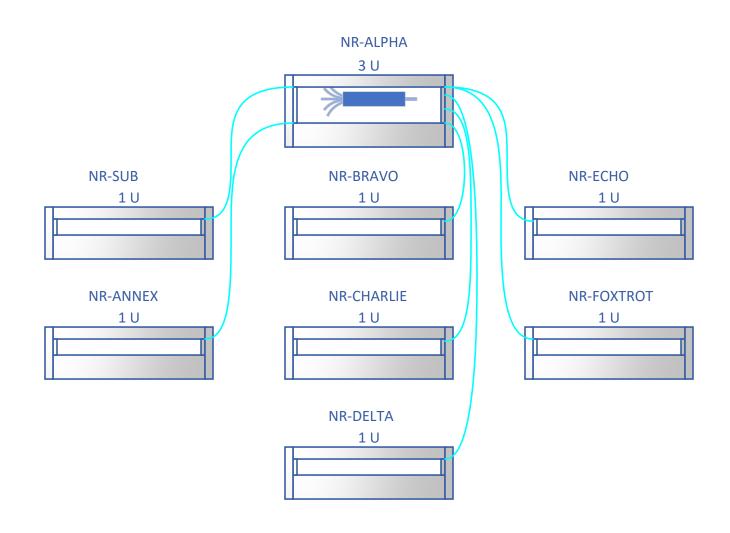
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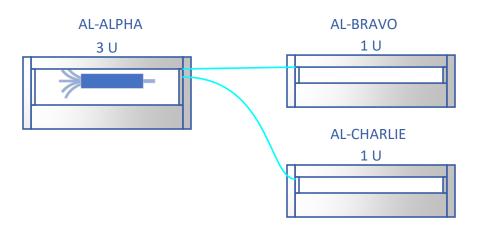
RL-ECHO

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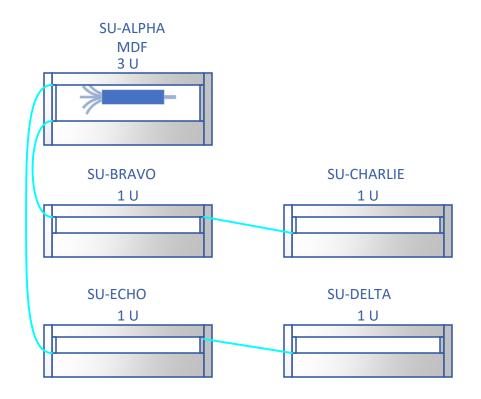
	Northwood _ Technical College	Created By:	Susan LaPine	Date Created:	9/6/2024	Title:	New Backbone Topology.vsdx
		Updated By:	Susan LaPine	Revised Date:	9/18/2025	Description:	High-level visual representation of new backbone connections



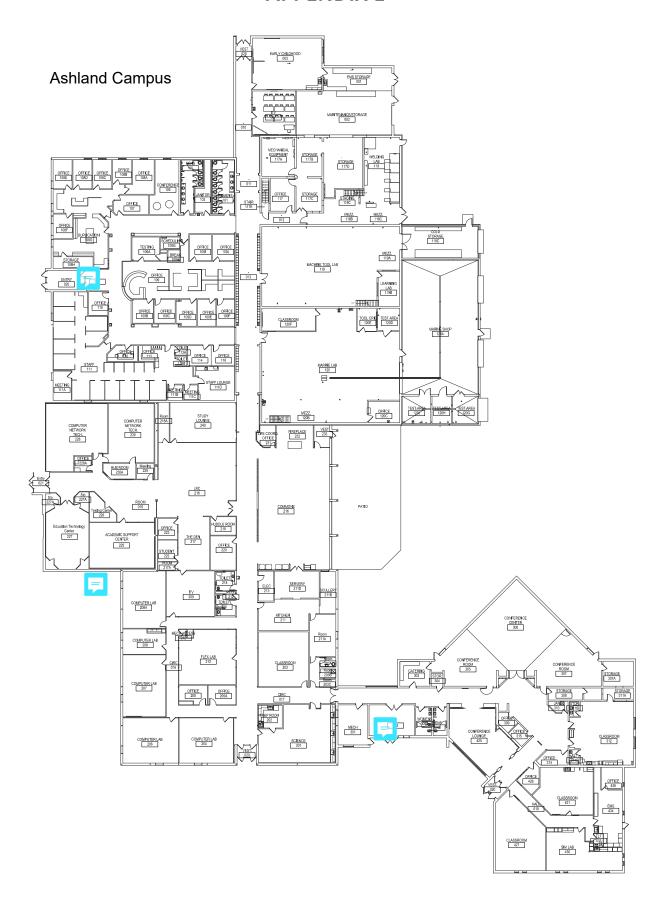
Northwood _ Technical College	Created By:	Susan LaPine	Date Created:	9/6/2024	Title:	New Backbone Topology.vsdx
	Updated By:	Susan LaPine	Revised Date:	9/18/2025	Description:	High-level visual representation of new backbone connections

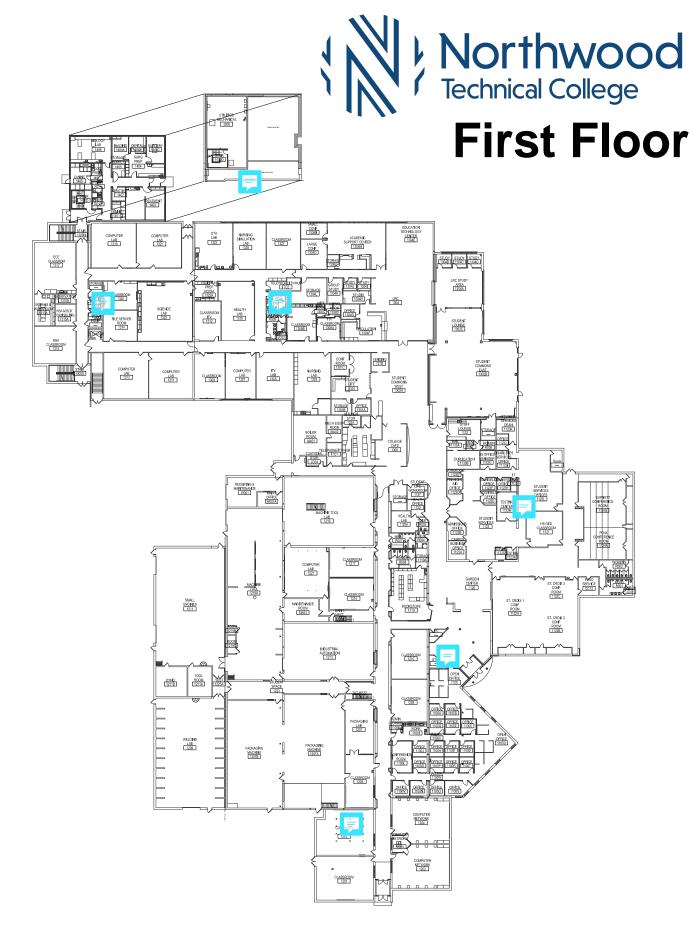


i	Northwood Technical College	Created By:	Susan LaPine	Date Created:	9/6/2024	Title:	New Backbone Topology.vsdx
		Updated By:	Susan LaPine	Revised Date:	9/18/2025	Description:	High-level visual representation of new backbone connections



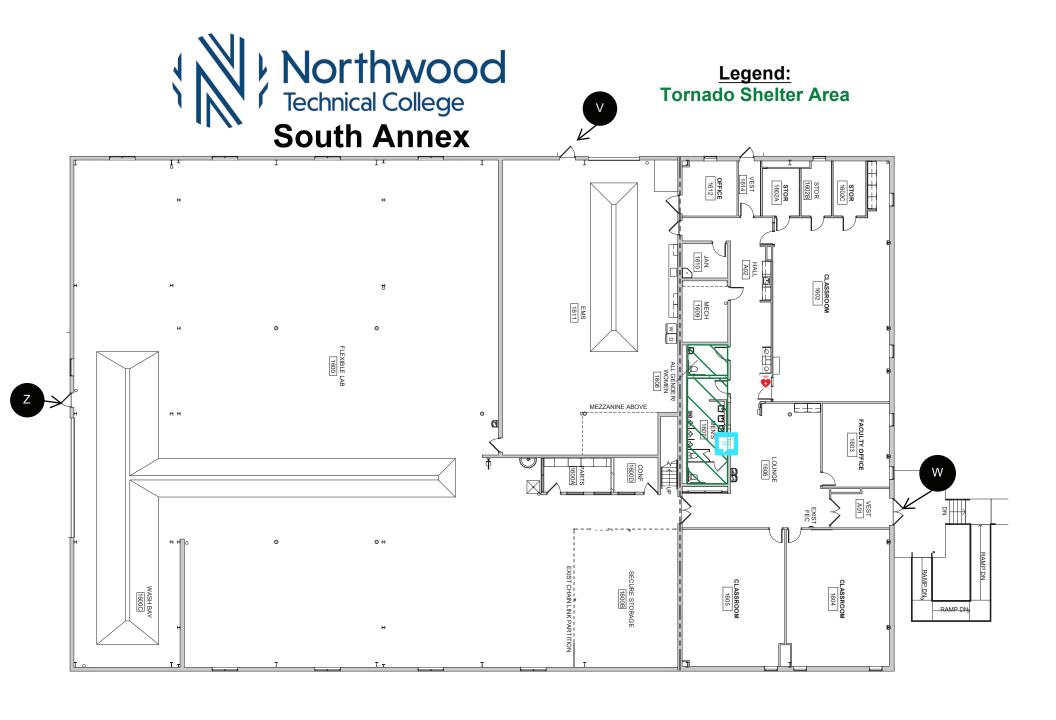
APPENDIX E

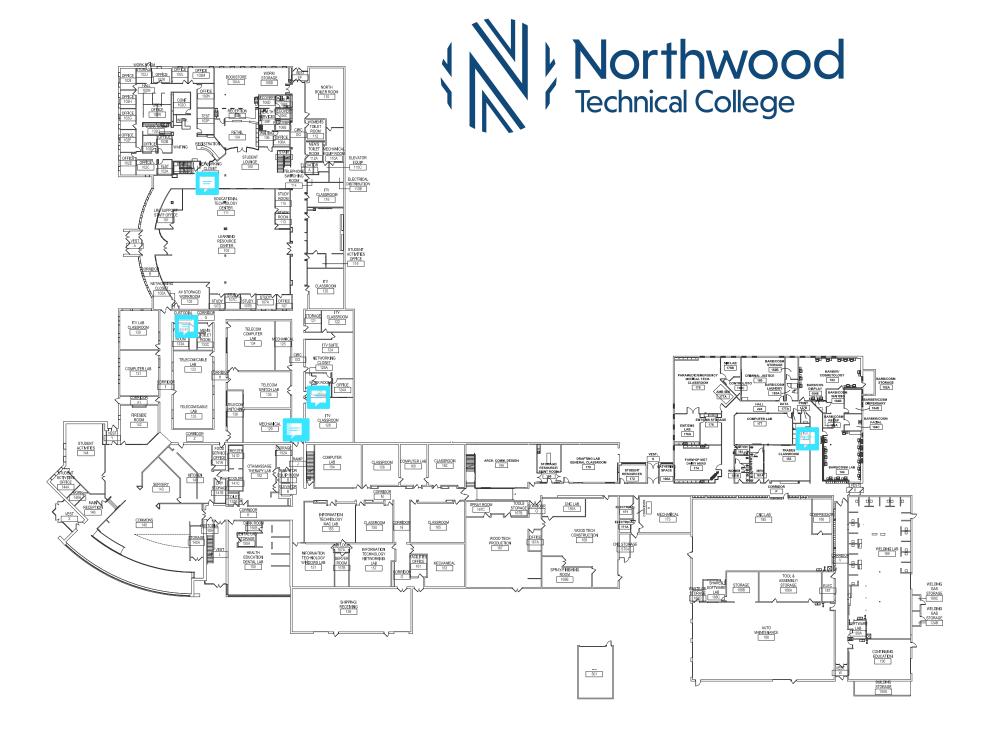




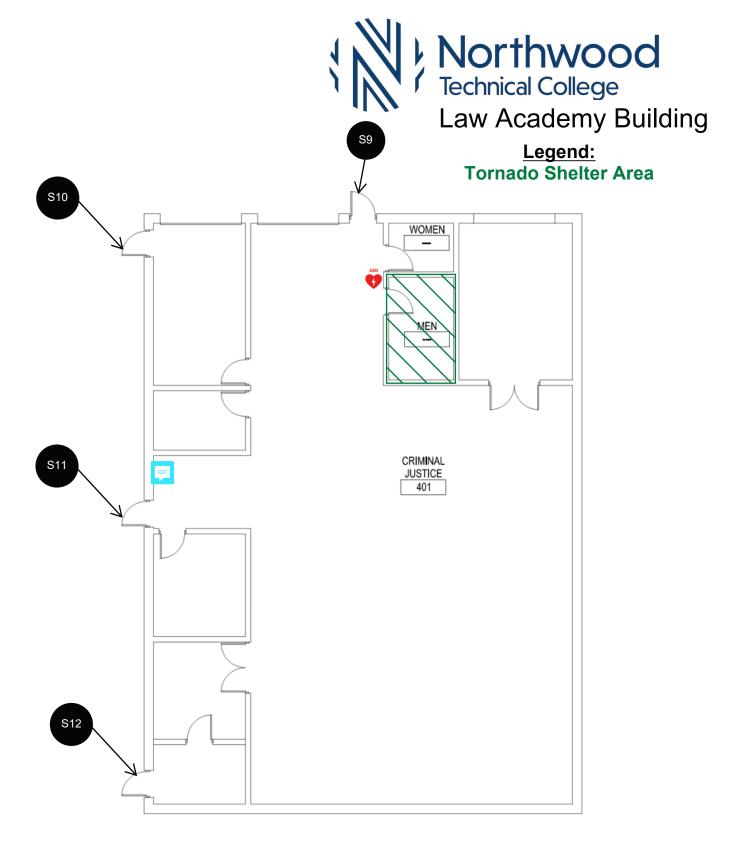


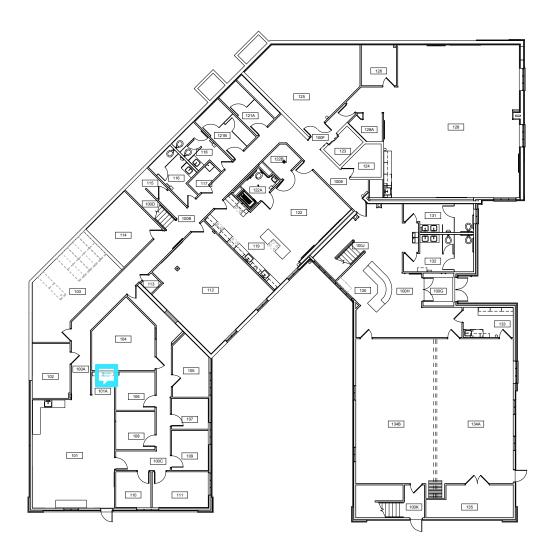












Northwood Technical College Shell Lake Education Center

Building Room AssignmentsFirst Floor

100A	Hallway	114	Storage
100B	Hallway	115	Storage
100C	Hallway	116	Men's Restroom
100D	Stair	117	Janitor
100E	Hallway	118	Women's Restroom
100F	Hallway	119	Kitchen
100G	Vestibule	121A	M Changing
100H	Entry	121B	W Changing
100J	Stair	122	Meeting Room
100K	Stair	122A	RR/Shower
101	Break Room	122B	Storage
101A	Сору	123	Elevator
102	Mechanical	124	Elevator Equipment
103	Files	125	Mechanical
104	Computer	126	Storage
105	Office	128	Wellness
106	Office	128A	Coat Room
107	Office	130	Reception
108	Office	131	Men's Restroom
109	Office	132	Women's Restroom
110	Office	133	Serving
111	Office	134A	Board Room
112	Computer Lab	134B	Board Room
113	Mechanical	135	Storage





Northwood Technical College Shell Lake Education Center

Building Room Assignments

Second Floor

200B	Vestibule	213	Nursing Room
200C	Hallway	214	SIM Control - IT/Storage
200D	Stair	215	M Lockers
200E	Hallway	215A	M Restroom
200F	Vestibule	216	Exam Waiting
200G	Hallway	216A	Reception
200H	Hallway	216B	Exam 1
200J	Stair	216C	Exam 2
200K	Stair	216D	IT/Storage
201	Task Trainer/Anatomage	216E	Exam 3
201A	Storage	216F	Exam 4
202	Mechanical	217	Break Area
203	Dispensing	217A	Storage
204	Anteroom	218	W Lockers
204A	SIM Lab 4 - Geriatric/Home Care	218A	W Restroom
205	Debriefing	219	Storage
206	SIM Lab 3 - Pediatrics	220	Office
207	Debriefing	221	Therapy
208	SIM Lab 2 - Maternity/Infant	221A	Mechanical
209	Debriefing	221B	Test Waiting
210	Anteroom	221C	Storage
211	Women Restroom	221D	Testing
212	SIM Lab 1 - Critical Care	223	Elevator





12 - 21 - 21

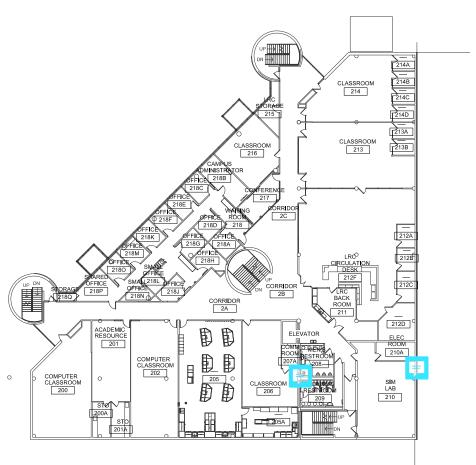


Northwood TC Superior Evacuation 1st Floor Plan

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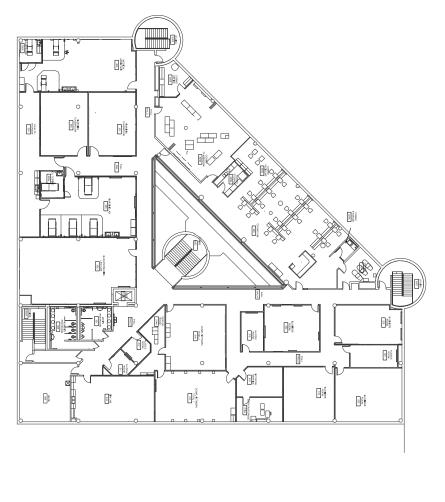
28'

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Northwood TC Superior Evacuation 2nd Floor Plan Northwood Technical College 12-21-21

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Northwood TC Superior Evacuation 3rd Floor Plan

