

**Columbus Zoo and Aquarium, Zoombezi Bay
The Wilds, and Safari Golf Club**
(herein referred to as the “Columbus Zoo Family of Parks” or “CZA”)

Request for Quotes (RFQ)

Issue Date: 1/26/2024

Due Date: 2/23/2024

For the installation of fiber optic cable at The Wilds, the Columbus Zoo Family of Parks is inviting proposals from selected contractors. The project encompasses the construction necessary to connect several buildings within the park with fiber optic cable.

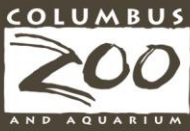
Interested contractors should submit their proposals by the specified deadline. The evaluation process will consider factors such as experience, expertise, cost-effectiveness, and the ability to meet project timelines. The selected contractor will play a crucial role in enhancing connectivity and infrastructure at The Wilds, contributing to the overall technological advancement of the park.



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See attached pdf document23

Overview:

The Columbus Zoo Family of Parks is seeking quotes from selected vendors that can manage, procure and install fiber optic network connections to various locations at:

The Wilds
14000 INTERNATIONAL RD
CUMBERLAND, OH 43732

Vendors responding may either provide the service wholly or may provide parts of the service and sub-contract other parts. The quote will designate what parts are being performed by the submitter and what parts will be sub-contracted.

Quotes:

To streamline the evaluation process and consider various financial scenarios, the Columbus Zoo Family of Parks is requesting that each submitter provide a quote for fiber optic cable installation at The Wilds based on the following guidelines:

Individual Building Quotes:

- a. Submitters are required to provide a separate quote for fiber optic cable installation to each designated building.
- b. The quote should include all associated costs for conduit installation, fiber optic cable pulling, termination inside the building, testing, documentation, and any other relevant expenses.

Combined Building Quotes (Bundling):

- a. Submitters may propose bundled quotes for fiber optic cable installation if two or more buildings are in close proximity.
- b. Bundled quotes should clearly indicate the cost savings achieved by combining installations and demonstrate that it is financially advantageous to install fiber optic cable to multiple buildings simultaneously.

Overall Campus Quote:

- a. Submitters are also requested to provide an overarching quote for installing fiber optic cabling at every designated building across the entire Wilds campus.

- b. This quote should encompass the total cost for comprehensive fiber optic infrastructure across all specified locations.

By providing these various quote options, the Zoo aims to assess the financial feasibility of installing fiber optic cable at different locations within The Wilds. This approach allows for flexibility in decision-making based on budget considerations and the potential cost savings achieved through bundled installations. Submitters are encouraged to clearly outline their pricing structures, methodologies, and any factors influencing the cost-effectiveness of their proposals.

Scope:

The scope is as follows:

1. Underground Conduit Installation:

- a. Excavation and installation of underground conduit pathways.
- b. Conduit and fiber optic cable will comply with specifications in Attachment D.
- c. Conduit may either be direct bored or trenched. Submitters will identify building by building which method will be used.
- d. Ensure compliance with local regulations and environmental considerations.
- e. Coordination with relevant authorities for permitting.

2. Fiber Optic Cable Pulling:

- a. Professional pulling of fiber optic cable through the installed conduit.
- b. Adherence to industry standards and best practices for cable installation.
- c. Implementing proper cable management techniques.

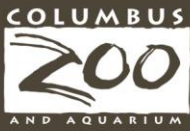
3. Termination in Designated Buildings:

- a. Termination of fiber optic cable inside designated buildings.
- b. Installation and configuration of necessary termination equipment.
- c. Testing to ensure the integrity and functionality of the terminated cables.

4. Quality Assurance and Testing:

- a. Conduct comprehensive testing of the fiber optic cable to verify signal integrity.
- b. Ensure that the installed infrastructure meets specified performance standards.
- c. Rectify any issues identified during testing.

5. Documentation:



- a. Provide detailed documentation of the installed fiber optic network, including cable routes and termination points.
- b. Supply as-built drawings for future reference and maintenance.

6. Timeline and Milestones:

- a. Develop a detailed project timeline outlining key milestones.
- b. Clearly define the expected completion date for the project.

7. Cost Proposal:

- a. Submit a comprehensive cost proposal covering all aspects of the project.
- b. Clearly outline any potential additional costs or contingencies.

8. Contractual Terms:

- a. Define contractual terms and conditions, including project milestones, payment schedules, and any warranty or support agreements.

RFQ Responses

Responses to the RFQ must be received by **5:00 PM (EST) on 2/23/2024** via electronic submission only to: Felix Garcia at felix.garcia@columbuszoo.org. Responses may be submitted via a Dropbox, however you must submit the download response information to Felix Garcia prior to 5:00PM on 2/23/2024. Felix Garcia will acknowledge receipt of submission. No printed copies of the submission are required, nor will they be accepted.

Any information contained in the partner's response that is proprietary information must be clearly designated. Indicating that the entire response is proprietary will neither be accepted nor recognized.

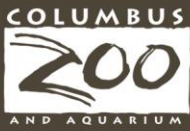
RFQ Key Dates

January 2024

- 1/26/2024 – RFQ Distributed to Selected Potential Partners via email.
- 2/5/2024 –2/16/2024 (time to be scheduled) – Staff Led Tour of The Wilds. Tour will include site visit to all defined locations for fiber optic cable pulls and terminations (**Note:** Partners are limited to four representatives on the tour, and they must be the same four representatives during the entire duration of the tour). Contact to schedule tour is bob.mayes@columbuszoo.org.

February 2024

- 2/5/2024 - 2/19/2024 5:00 PM (EST) – Period for Questions



All questions regarding the information contained in this RFQ must be submitted in writing to Bob Mayes by 2/19/2024 5:00 PM (EST) via e-mail to bob.mayes@columbuszoo.org. Questions submitted after this date will not be answered. All questions and responses will be made available to all partners who have been asked to participate in this RFQ. Any oral statements by the Columbus Zoo Family of Parks or its agents are not binding upon the CZA unless and until expressly confirmed in writing by an authorized representative of the CZA or its agents.

- 2/21/2024 5:00 PM (EST) –Answers to all questions will be provided to all partners via email.
- 2/23/2024 5:00 PM (EST) - Proposals are due.
- 2/26/2024 – 3/8/2024 – CZA’s leadership review all submitted quotes.

The CZA reserves the right to terminate this process at any time, for any reason. CZA will notify every organization responding via email should this occur.

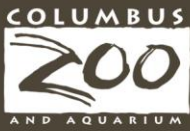
The submission of quotes does not obligate The Wilds or the CZA to continue this process further. The decision to move to the next steps lie solely with the CZA and The Wilds

Potential Partners are to have no other communication regarding this RFQ with any staff member of the CZA other than through the process noted above.

Fiber Optic Cable Termination Locations (all within The Wilds Park) – See Appendix E

- Starting location – Ops/Maintenance
- Ops/Maintenance to Admin
- Admin to Beetle
- Beetle to Giraffe
- Giraffe to Outpost
- Outpost to Rhino
- Rhino to Hoofstock
- Rhino to Johnson Center
- Johnson Center to Overlook (existing*)
- Overlook to Nomad Ridge (existing*)

Note: (existing*). Fiber optic cable runs do exist between these buildings. Fiber optic cable runs will be tested to validate fiber optic cable is working withing specification and has not been compromised in any way.



Other locations not included, may be quoted for consideration: (See Appendix E)

- Parking
- Horse Barn
- Straker Lake
- Training Center
- Vet House
- Ed Camp
- Carnivore
- The Lodge
- Straker Lake

RFQ Submission Format

Each partner must submit their RFQ response in the order noted below. The proposals should be complete, accurate, organized, and concise.

Promotional materials that are not specifically requested should not be included except as appendices.

The proposal must meet all the essential requirements of this RFQ and must be complete and in proper technical form.

a. Cover Letter

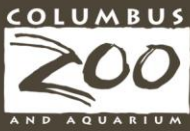
Please provide a cover letter from the person representing the Partner for all contact during the review, evaluation, and contract negotiation process.

Responses should provide a straightforward, concise description of the Partner's capabilities to satisfy the requirements of the RFQ. Responses must be complete and concisely worded and must convey all the information requested to be considered responsive. Pages containing information of a confidential nature should be stamped as such.

Proposals must be made in the name under which the Partner is registered to conduct business, showing the registered and principal business address, and must be signed by a person duly authorized to legally bind the person, partnership, company or corporation submitting the proposal.

If the Partner takes any exceptions to this RFQ, please indicate these exceptions as outlined in the EXCEPTIONS page of this RFQ.

b. Table of Contents



Please provide a Table of Contents and a list of Appendices. All pages of your proposal should be numbered.

c. Executive Summary

Please provide an Executive Summary of your entire proposal that includes highlights of what you deem to be the most important aspects of your proposal.

d. Organizational information

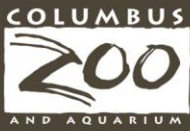
- i. Submit a document indicating when the submitter organization began operations along with an estimate of the number of distinct customers the organization has performed the services requested in the RFQ.

e. Staffing

- i. Provide a complete staffing/organization chart for management, supervisors, and line support personnel who may be involved with the proposed Columbus Zoo Family of Parks operations. Please provide a detailed background of your senior management and supervisory staff. Describe their proposed responsibilities at CZA.
- ii. The Partner is required to ensure all their employees performing work at the Columbus Zoo Family of Parks pass a criminal background check prior to their first day of work. If the Partner uses temporary staffing agencies, the agencies must conduct the same background checks and comply with the Columbus Zoo Family of Parks requirements as described herein.
- iii. Columbus Zoo Family of Parks is particularly interested in the Partner's plan for staff training. Please provide a description of existing resources. Detail training plans for both exempt and non-exempt employees. Specific steps of service and chronology of training programs are required. Any training or certifications required by law shall be provided by the Partner at the Partner's expense.

Additional Information

- a. This solicitation does not commit the Columbus Zoo Family of Parks to award a contract or to pay any cost incurred in the preparation of a proposal. The Columbus Zoo Family of Parks reserves the right to accept or reject any or all proposals received, or to cancel in part or in its entirety this proposal if deemed in its best interest to do so.



- b. The partner agrees that its proposal, once submitted, shall remain firm and shall not be withdrawn until accepted or rejected by the Columbus Zoo Family of Parks.
- c. The Columbus Zoo Family of Parks reserves the right to make inquiries of any Proposer (without the requirement that there be notice to any other Proposer of any such inquiry).
- d. The Columbus Zoo Family of Parks shall not be responsible for any cost or expense incurred by the Partner preparing and submitting a proposal or cost associated with meetings, tours, or evaluations of proposals prior to execution of an agreement. This includes but is not limited to any legal fees for work performed or representation by the Partner’s legal counsel during any and all phases of the RFQ process.

Exceptions

If the Partner takes exception or requires clarification on any points of the RFQ before signing an agreement with the Columbus Zoo Family of Parks, please list items on a separate sheet. With each exception, state your proposed wording. All are subject to the discretion and approval of the Columbus Zoo Family of Parks. Therefore, should the Partner and the Columbus Zoo Family of Parks be unable to resolve any exceptions to the mutual satisfaction of both parties, the Columbus Zoo Family of Parks reserves the right to reject the Partner’s proposal from any further consideration.

If no exceptions are listed, the Partner agrees to all terms and conditions contained in this entire document.

If exceptions are listed, the Partner agrees to all terms and conditions contained in the entire document, with those noted exceptions.

Exceptions attached: Yes _____
 No _____



Appendix A – Insurance Requirements

*Contractor and/or Operator refers to the Partner that is selected to work with the Columbus Zoo Family of Parks.

Contractor and subcontractors shall procure and maintain until all of their obligations have been discharged, including any warranty periods under this Contract are satisfied, insurance against claims for injury to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

The insurance requirements herein are minimum requirements for this Contract and in no way limit the indemnity covenants contained in this RFQ.

The CZA in no way warrants that the minimum limits contained herein are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Contract by the Contractor, his agents, representatives, employees, or subcontractors. Contractor is free to purchase such additional insurance as may be determined necessary.

I. **MINIMUM SCOPE AND LIMITS OF INSURANCE** - Contractor shall provide coverage with limits of liability not less than those stated below. An excess liability policy or umbrella liability policy may be used to meet the minimum liability requirements provided that the coverage is written on a “following form” basis.

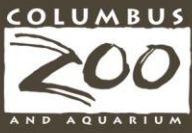
a. Commercial General Liability – Occurrence Form

i. Policy shall include bodily injury, property damage, broad form contractual liability and XCU coverage.

General Aggregate	\$2,000,000
Products – Completed Operations Aggregate	\$1,000,000
Personal and Advertising Injury	\$1,000,000
Each Occurrence	\$1,000,000

ii. The policy shall be endorsed to include the following additional insured language: “The Columbus Zoological Park Association shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Contractor on a primary and non-contributory basis”.

iii. Contractor's subcontractors shall be subject to the same minimum requirements identified above.



- iv. Contractor’s policy shall include a blanket waiver of subrogation in favor of the Columbus Zoo Family of Parks.

- b. Automobile Liability
 - Bodily injury and property damage for any owned, hired, and non-owned vehicles used in the performance of this Contract.
 - Combined Single Limit (CSL) \$1,000,000

 - i. The policy shall be endorsed to include the following additional insured language: "The Columbus Zoo and Aquarium shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Contractor, including automobiles owned, leased, hired or borrowed by the Contractor".

 - ii. Contractor's subcontractors shall be subject to the same minimum requirements identified in this section

- c. Worker's Compensation and Employers' Liability

Workers' Compensation	Statutory
Employers' Liability	
Each Accident	\$1,000,000
Disease – Each Employee	\$1,000,000
Disease – Policy Limit	\$1,000,000

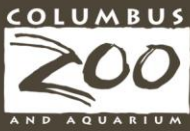
 - i. Policy shall contain a waiver of subrogation against the Columbus Zoo Family of Parks.
 - ii. Contractor's sub-contractors shall be subject to the same minimum requirements identified in this section.
 - iii. The policy will include an endorsement providing a waiver of subrogation in favor of the Columbus Zoo Family of Parks.

- d. Cyber Liability Data Privacy Coverage

Each Claim	\$2,000,000
Annual Aggregate	\$2,000,000

- e. Commercial Crime Coverage with Third Party Endorsement

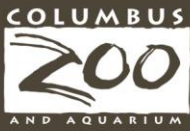
Each Occurrence	\$1,000,000
Aggregate	\$1,000,000



- II. **NOTICE OF CANCELLATION:** Each insurance policy required by the insurance provisions of this Contract shall provide the required coverage and shall not be suspended, voided or canceled except after thirty (30) days prior written notice has been given to the CZA, except when cancellation is for non-payment of premium, then ten (10) days prior notice may be given. Such notice shall be sent directly to Columbus Zoo and Aquarium, Attn: Senior Vice President of Finance, 4850 W. Powell Road, PO Box 400, Powell, OH 43065.
- III. **ACCEPTABILITY OF INSURERS:** Insurance is to be placed with insurers duly licensed or authorized to do business in The Columbus Zoo and Aquarium and with an "A.M. Best" rating of not less than A-VII. The Columbus Zoo Family of Parks in no way warrants that the above-required minimum insurer rating is sufficient to protect the Contractor from potential insurer insolvency.
- IV. **VERIFICATION OF COVERAGE:** Contractor shall furnish the Columbus Zoo Family of Parks with certificates of insurance (ACORD form or equivalent approved by the Columbus Zoo Family of Parks) as required by this Contract. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

All certificates and any required endorsements are to be received and approved by the Columbus Zoo Family of Parks before work commences. Each insurance policy required by this Contract must be in effect at or prior to commencement of work under this Contract and remain in effect for the duration of the project. Failure to maintain the insurance policies as required by this Contract or to provide evidence of renewal is a material breach of contract.

- V. **SAFETY PROGRAM:** Operator must supply Columbus Zoo Family of Parks with a list of safety training provided to staff and any associated safety training records, certificates, etc. for all employees working onsite. Operator must sign the Columbus Zoo Family of Parks Contractor Safety Policy and be compliant with all Columbus Zoo Family of Parks Safety Policies, as well as federal, state, local laws, ordinances, rules and regulations related to employee safety.
- VI. **APPROVAL:** Any modification or variation from the insurance requirements in this Contract shall be made by the Columbus Zoo Family of Parks, whose decision shall be final. Such action will not require a formal Contract amendment but may be made by administrative action.



Appendix B – Contractual Definitions and Requirements

*Contractor and/or Operator refers to the Partner that is selected to work with the Columbus Zoo Family of Parks.

I. OPERATOR'S QUALIFICATIONS

The Operator must submit satisfactory evidence of its ability to furnish products and services in accordance with the terms and conditions of this proposal. The Columbus Zoo Family of Parks reserves the right to make the final determination as to the Operator's ability to provide the services requested herein.

II. OPERATOR'S RESPONSIBILITIES TO INVESTIGATE

The Operator shall fully acquaint itself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this RFQ. It is expected that this will require on-site observation. The failure or omission of an Operator to acquaint itself with existing conditions shall in no way relieve it of any obligation with respect to its proposal or to the contract.

III. TERM

The term for this quote may be up to 5 years. As we determine the financial impact to The Wilds, we may not be able to accommodate all fiber optic runs in a single fiscal year. This quote may well be broken into manageable efforts over multiple years.

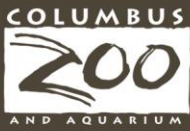
IV. TERMINATION

The contract between the Operator and the Columbus Zoo Family of Parks will define the termination rights of each party, both for cause and not for cause.

The Columbus Zoo Family of Parks may terminate the contract: (a) if the Operator fails to comply with any provision in the contract, and such failure is not remedied thirty (30) days after a written notice from the Columbus Zoo Family of Parks setting forth in reasonable detail the nature of such default; (b) if the Operator ceases to do business as a going concern, ceases to pay its debts as they become due, or admits in writing that it is unable to pay its debts as they become due, or becomes subject to any proceeding under any federal or state bankruptcy law, or a custodian or trustee is appointed to take possession of, or an attachment, execution or other judicial seizure is made with respect to, substantially all of the Operator's assets or the Operator's interest in this Agreement; (c) in the event that the Columbus Zoo Family of Parks, upon reasonable prior notice to the Operator (taking the length of the term of Operator's contract into account), elects to close or otherwise repurpose their primary business operations during the term.

V. BOOKS & RECORDS

Operator will be required to maintain complete and accurate records for facets of this



work, including as proposed, as built, geo location of all hand holes and geo location of all termination points. The Columbus Zoo Family of Parks may request monthly, quarterly, semi-annual or annual meetings to review the performance of the chose operator. The Columbus Zoo Family of Parks reserves the right to audit the Operator's records at any time. The operator will provide the Columbus Zoo Family of Parks all change requests, types/manufacture/quantity of purchase requests or replacement requests.

VI. SUBCONTRACTING

If any part of the work covered by this RFQ is to be subcontracted, the Operator shall identify the subcontracting organization and the contractual arrangements made therewith. Any subcontracting must be approved by the Columbus Zoo Family of Parks or its authorized representative. All approved subcontractors shall maintain workers' compensation insurance and liability insurance acceptable to the Columbus Zoo Family of Parks. The successful Operator will also furnish each subcontractor's corporate or company name, address and principal contact. The Operator is solely responsible for all of the activities of its subcontractors. All subcontractor activity will be subject to all of the terms and conditions of the Operator's contract agreement with the Columbus Zoo Family of Parks.

VII. OWNERSHIP OF MATERIALS

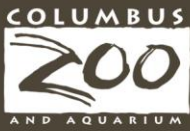
Ownership of all data, material and documentation originated and prepared for the Columbus Zoo Family of Parks pursuant to the contract shall belong exclusively to the Columbus Zoo Family of Parks. Any proposal and other materials submitted by the Operator will be the property of the Columbus Zoo Family of Parks and will not be returned. By submitting a proposal, the Operator waives any and all claims relating to misinterpretation or misunderstanding of specification or because of any misinformation or lack of information.

VIII. ALTERATION OF PREMISES

The Operator may make alterations to the premises only after obtaining prior written approval from the Columbus Zoo Family of Parks through its Vice President of Technology Services. Approval may be withheld at the Columbus Zoo Family of Parks sole discretion. Capital facility improvements or alterations and fixed equipment shall remain on premises upon termination or expiration of the contract, unless the Columbus Zoo Family of Parks notifies the Operator otherwise at the time of the improvement or alteration.

IX. CONFLICT OF INTEREST

The Operator certifies that to the best of its knowledge no employee of the Columbus Zoo Family of Parks nor any member thereof, nor any public agency or official affected by any agreement that results from this RFQ, has any pecuniary interest in the business of the Operator.



X. REGULATIONS

The proposed services shall meet all current, pending and future regulatory requirements of all authorities having jurisdiction over its design, construction and operation, including the federal, state and local laws and statutes.

The Operator shall fully comply with all applicable laws, regulations, and building codes governing non-discrimination in public accommodations and commercial facilities, including without limitation, the requirements of the Americans with Disabilities Act and all regulations thereunder. The Operator will ensure that its employees are appropriately trained on serving and interacting with people with disabilities. No contract shall be awarded to any person, firm, joint venture, or corporation that is in arrears or is in default upon any debt or contract or that is a defaulter as surety or otherwise upon any obligation.

XI. DUE DILIGENCE REQUIREMENT

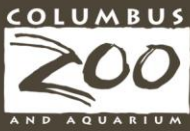
The award of the Agreement pursuant to this RFQ may be contingent upon the Operator's timely and successful compliance with the Columbus Zoo Family of Parks due diligence requirements.

XII. CONFIDENTIALITY

Operator acknowledges and agrees that, during the course this RFQ submittal process, Operator and Operator's employees, agents and representatives may have access to or learn confidential information concerning the Columbus Zoo Family of Parks which is not generally known by or available to the public and that the Columbus Zoo Family of Parks would suffer damages and, in some instances, irreparable harm, if such Confidential Information were subject to unauthorized use or disclosure. For purposes of the effort, Confidential Information includes, but is not limited to data, materials, files, correspondence, plans, designs, and ideas of the Columbus Zoo Family of Parks, membership and donor information, animal management information and records, scientific research, personal identifying information concerning the Columbus Zoo Family of Parks personnel, information concerning the Columbus Zoo Family of Parks Board of Trustees and its activities, financial records, and other information of a non-public and proprietary nature.

Operator agrees to safeguard and maintain the confidentiality of all Confidential Information to which the Operator or Operator's representatives have access to or receive during or after the termination of its relationship with the Columbus Zoo Family of Parks and to take steps to notify Operator's representatives of their obligations regarding confidentiality and obligations for protection of confidential data. Operator agrees to notify the Columbus Zoo Family of Parks immediately in the event of any unauthorized use or disclosure of any Confidential Information.

XIII. TAXES



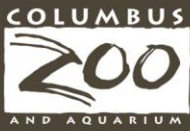
The Operator shall pay all taxes of whatever character which may be levied or charged upon the Operator to use the facilities, or upon the improvements, fixtures, equipment or other property, or upon the operations under the contract.

XIV. EQUAL EMPLOYMENT OPPORTUNITY

In the performance of the work under this Agreement, Operator agrees to comply with all applicable federal, state, and municipal laws prohibiting discrimination based on race, color, religion, sex, national origin, sexual orientation, or any other applicable legally protected status or statute, which shall include but not be limited to: hiring, selection, employment, upgrading, demotion, reassignment, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeships. Operator also agrees that, upon request by the Columbus Zoo Family of Parks, it shall show that it has met such requirements.

XV. ERRORS, OMISSIONS, MINOR IRREGULARITIES AND RETAINED RIGHTS

All information in this RFQ, including any addenda, has been developed from the best available sources; however, the Columbus Zoo Family of Parks makes no representation, warranty or guarantee as to its accuracy. Should the Operator discover any significant ambiguity, error, omission or other deficiency in the RFQ document, they must immediately notify the RFQ contact in writing, via email, prior to the submission of the proposal. The failure of the Operator to notify the RFQ contact for submission of proposals below of any such matter prior to submission of its proposal constitutes a waiver of appeal or administrative review rights based upon any such ambiguity, error, omission or other deficiency in the RFQ document. The Columbus Zoo Family of Parks reserves the right to waive minor irregularities in proposals. Minor irregularities are defined as those that have no adverse effect on the outcome of the selection process. The Columbus Zoo Family of Parks may waive any requirements that are not material. The Columbus Zoo Family of Parks may make an award under the RFQ in whole or in part and change any scheduled dates. CZA reserves the right to use ideas presented in reply to this RFQ notwithstanding selection or rejection of proposals. The Columbus Zoo Family of Parks reserves the right to make changes to and/or withdraw this RFQ at any time.



Appendix C – Contract Terms and Conditions

*Contractor and/or Operator refers to the Operator that is selected to work with the Columbus Zoo Family of Parks.

I. OPERATOR RESPONSIBILITIES

- a. The Operator will be responsible required to provide the following:
- b. The Operator will be responsible for acquiring all fiber optic cable, termination hardware, conduit, construction equipment to install conduit, hand holes, dumpsters, traffic management, safety equipment, and all other equipment and material covered under this agreement.
- c. The Operator, as an independent entity, will indemnify and hold harmless the CZA or its assignees from any and all liability and loss of any nature whatsoever arising out of the removal, installation or adjustment fiber optic cable covered under this agreement.
- d. The Operator will be responsible for maintaining all logistical equipment (i.e. electric carts, dollies, vehicles.) belonging to the operator.
- e. The owner will be responsible for identifying the locations and technical specifications for conduit, fiber optic cable and termination equipment type and manufacture.
- f. The owner will be responsible for providing appropriate access to buildings and paths for fiber optic cable.
- g. At its own cost and expense, the Operator must comply with the insurance requirements as set forth within this RFQ.
- h. The Operator shall provide all labor required to install fiber optic cable to all locations specified in this agreement.
- i. The management of CZA has the absolute right of approval over selection of all on-site personnel employed by the operator. The Columbus Zoo Family of parks reserves the right request the replacement of operator personnel for reasonable cause.
- j. The Operator is required to be an active participant in the CZA's waste reduction



and recycling programs and to support the CZA's commitment to sustainable operations and design principles. The operator will ensure that all failed devices covered under this agreement will be recycled when appropriate.

- k. The Operator is responsible for the cost of acquiring, maintaining, and repairing its own trucks and other needed transportation.

II. TECHNOLOGY REQUIREMENTS

- a. Changes to network

Should the operator determine that an existing location where fiber optic cabling is to be installed is not adequate or not available, the operator will notify the Columbus Zoo Family of Parks in writing and will give the Columbus Zoo Family of Parks at a minimum two (2) weeks' notice to have the issue resolved or repaired.

III. Support Capacity

Operator must provide an adequate level of support staff for fiber optic cable installation at all locations covered under this agreement. Operators staff must be willing to work with the staff from the Columbus Zoo Family of Parks to adequately acquire, install, test, adjust, modify or move equipment covered under this agreement.

Operator will provide standard coverage to install, remove or adjust locations during a normal working business day (M – F 8:00 AM – 5:00 PM). Operator must provide to the Columbus Zoo Family of Parks, on an annual basis, those days which the operator deems to be holidays.

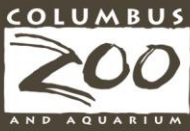
Operator may request access to the Columbus Zoo Family of Parks outside of normal working hours in writing. Operators' requests outside normal working hours are considered part of this agreement and would not warrant any additional fees unless agreed upon by The Columbus Zoo Family of Parks and the operator.

There may be fiber optic installation locations located in animal enclosure areas. The operator, prior to entering any area that is not accessible to the public and may contain an animal will contact the Columbus Zoo Family of Parks to ensure that clearance is given to enter.

IV. CONSERVATION AND SUSTAINABILITY

- a. Total Commitment

The Operator will, in good faith, support and participate in existing and future efforts to be a leader in the zoological community for practicing the highest standards in sustainability, recycling, landfill diversion and future conservation



and sustainability programs practiced by CZA.

b. Sustainable Purchasing Policy

Conservation, education and excellent animal care are at the core of the CZA's mission. By inspiring people to care and act, CZA is making a difference in our planet's future ecological health and sustainability.

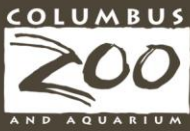
c. CZA is committed to ensuring that its mission and values are reflected in the products and services it procures, and in the suppliers with whom it does business.

d. By preferentially selecting sustainable choices, CZA & its Parks can help to minimizing damage to wildlife, habitat and the environment while stimulating the green economy and benefitting society at large.

e. Suppliers' Commitments

In addition to our own sustainable purchasing commitments, CZA expects its suppliers to:

- i. Take reasonable efforts to avoid contributing to adverse impacts on animals, habitat or the environment and have in place policies and processes that enable them to do so.
- ii. Upon request, disclose information to CZA regarding sustainability efforts and performance for themselves and along their supply chain.



Appendix D – Structured Cabling Requirements

Columbus Zoo and Aquarium Structure Cabling | Revised 12/08/2023

Introduction

This document is a guide. Due to the variety of buildings and projects across The Columbus Zoo and Aquarium, a variety of existing standards and practices are in use. For minor additions and changes to structured cabling, existing local standards/practices should be used. For new construction and major renovation, use the standards in this document.

Abbreviations used in this document.

- Cat6 (or Cat6a): Category 6 or 6a UTP
- IDF: Intermediate Distribution Frame; also Distribution Equipment Room (DER)
- MDF: Main Distribution Frame; also Main Equipment Room (MER)
- TR: Technology Room (TR); also Technology Closet (TC)
- UTP: Unshielded twisted pair
- WAO: Work area outlets

Cabling standards

Horizontal cabling

Application	WAO termination	Cable	TR termination
Data, VoIP, and others not specified	TIA/EIA-568B Blue jack/keystone 12" slack	Blue Cat6 or Cat6a* UTP	TIA/EIA-568B 10' slack into cable management
CCTV/security cameras	TIA/EIA-568B Yellow jack/keystone 12" slack in plenum		Cat6 or Cat6a modular (preferred) patch panel***

Analog telephony**	TIA/EIA-568B White jack/keystone 10-12" slack		jack/keystone/snap-ins color match to WAO
Wireless access points (APs)	TIA/EIA-568B Black jack/keystone 12" slack in plenum	Black Cat6 or Cat6a* UTP	
Audio/video patch connections local to one room	TIA/EIA-568B and Gray jack/keystone <u>if</u> RF45 termination	Gray Cat6 UTP	N/A

* As required for speed or distance

** **Analog telephony only where specifically scoped**

Risers, backbone, and TR interconnections

New projects, major renovation, or new TR buildouts should include the following minimum connections between the MDF, IDF(s) and buildings:

Application	Cable	TR termination
Data, VoIP, and others not specified	Aqua color jacket OM4, 6-pair Use only after consultation	LC into modular/snap-in fiber patch and tray with 12' slack
	Yellow color jack OS2, 2-pair Preferred	
Analog telephony*	25 pair copper trunk	110 block

* **Analog telephony only where specifically scoped**

Audio Visual cabling

New projects, major renovation, or new TR buildouts should include the following minimum connections between the MDF, IDF(s) and buildings:

Application	Cable	TR termination
Audio Visual	Aqua seal or UV block – stranded copper – depending on installation. Consultation required	In-wall boxes 2 1/8" deep Consultation required

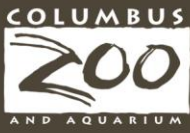
**Black color – wire size per
installation
Consultation required**

Labeling standards

- Faceplates/ports/jacks at both WAO and TR ends should be typed or printed, permanent, and installed in accordance with manufacturer requirements (e.g. in labeling slots with clear protective covers). “P-Touch” or other consumer style labels are not acceptable.
- Labeling scheme: TR (if multiple) Rack (#) – Patch Panel (alpha) – Jack (#)
For example, the 10th floor west IDF, rack 1, panel B, jack 16 would be: **10W 01-B-16** Single Floor building would not include floor number.
- Provide temporary labeling on cable jackets for use during pulling and installation.

Additional guidelines

- In-wall installation is always preferred over surface-mount.
- Install in wet/humid should be encased in schedule 40 conduit.
- Install where animals (mice/racoons/opossum/etc.) may come into contact should be encased in schedule 40 conduit.
- AV and network cabling will be in separate conduits.
- Match wall plates, surface block/biscuit jack, and surface raceway products to existing room or facility standards (white preferred).
- Comply with TIA-568 and TIA-569 standards for cabling, pathway, and EMI separation practices. Use plenum-rated cable.
- Conduct testing and certification according to TIA/EIA standards and provide documentation of satisfactory results.
- Panduit mini-con hardware is preferred.
Corning for fiber optic termination hardware
- All terminations in the cabinet will be into Panduit min-con patch panel.



- Installers must present proof of Panduit or Corning certifications for all installs.
- Indoor plenum for all office buildings, outdoor for all other locations.

Appendix E – The Wilds building locations.

See attached pdf document