# Town of Culver Broadband Fiber Project Culver, Indiana Request for Proposals (RFP) Notification For Private Provider(s) to Deploy, Operate, and Maintain a Broadband Internet Network Ensuring Culver Residents and Businesses Are Served by High-Speed Broadband

Contract number: \_\_\_\_\_ Issued: May 16, 2022

## Summary

Project Location: Culver, Indiana

Response Due Date and Time: By 5:00 PM Eastern Time Zone; June 27, 2022

The Town of Culver publishes this Request for Proposals (RFP) to provide official notification of needed professional services for broadband fiber. This RFP is being issued to solicit a response and other documents from Internet Service Providers qualified to deploy, operate, and maintain a broadband internet network ensuring that Town of Culver residents and businesses are served by high-speed fiber. A submittal does not guarantee that the Applicants will be contracted to perform any services but only serves notice that the Applicant's desires be considered. The Town of Culver is not responsible for any costs incurred by the Applicants for the preparation of any materials required for responding to this RFP. Because the Town expects to aid with bringing fiber to Culver, it will act as the authorizing agency for this RFP.

#### **Contact for Questions: Ginny Munroe, Culver Town Manager**

200 E Washington Street Culver, IN 46511 Phone 574-252-6148

Email: gmunroe@townofculver.org

#### **Submittal requirements:**

RFP Response (required content and instructions follow); one digital copy submitted to:

**Submit To:** Broadband Fiber Taskforce Attn: Ginny Munroe, Culver Town Manager 200 E Washington Street

Culver, IN 46511

Or, Email: gmunroe@townofculver.org

#### **Selection Procedures:**

Applicants will be selected for work items further described herein, based on the evaluation of the RFP response and other required documents as submitted. The major criteria to be used for the evaluation of the RFP submissions are as follows:

- Proposed project costs and the proposed Capital Cost to the Town of Culver
- Proposed solution:
  - Understanding of the requested work: quality of network
  - Coverage, topology, and resiliency elements
  - Equipment and design
  - Availability and quality of required fiber products
  - Reasonable prices inside the specified corporate limits of the Town
  - Overall deployment timing priority given to project that can be done the quickest
  - Adherence to specified network construction standards
- Proposed Customer Service and Network Support Operations:
  - Price package and speed options
  - Contract requirements
  - Cost of connecting each property to the network: Modems, routers, connectivity fees
  - Pricing options
  - Speed guarantees
  - Fees (admin, data limits, and so on)
  - Customer support, including presence within the Town
  - Security and preventative measures to the network
- Incorporation of the test and accept standards
- Completeness of RFP response
- Applicant background, qualifications, and capabilities (including 2-3 references)

#### 1. Introduction

The Town of Culver is motivated and prepared to bring broadband fiber to its citizens and businesses. This RFP reflects the commitment of the Town of Culver to ensure high-speed broadband fiber is available to residents and businesses in the Town of Culver. We seek a service provider who will meet the following broadband fiber goals:

- To provide a world-class broadband fiber network that provides the highest quality and speed of service for our residents and businesses.
- To provide the most cost-effective fiber solution for our residents and businesses.
- To install and implement a high-quality broadband fiber network solution as quickly as possible.
- To create community impact that ensures economic growth, vitality, and sustainability.

The Town of Culver seeks to provide an immediate solution within the corporate town limits, leveraging existing infrastructure, whether publicly or privately owned. Although our primary goal is to serve residents and businesses within the corporate limits, alternate bid options that target our two-mile zoning area will be given additional consideration.

The successful Internet Service Provider or other organization responding to this RFP (hereinafter referred to as "Applicant") will be expected to deliver a world-class fiber solution that meets the following minimum requirements:

- 1,000 Mbps download and 200 Mbps upload (i.e., 1,000/200) service
- Underground provisions are preferred
- No throttling

- Low latency (less than 20 ms)
- No data caps

The Town of Culver's Comprehensive Plan and Stellar Communities plan outline its desire to grow the community; attract year-round residents, remote workers, and a talented workforce; and increase economic vitality and sustainability in the Town. Surveys among residents, business owners, and remote workers indicate that a high-quality, high-speed fiber solution is a top priority.

Culver's staff and the community are engaged and ready to respond to and aid with this fiber initiative. Following are some of the ways the Town of Culver will assist with this initiative:

- \*Provide a fiber hut on town-owned property with access to the selected provider
- Aid with and expedite coordination efforts.
- Streamline permitting.
- Aid with utility location efforts.
- The Town might also potentially offer direct capital funding to support deployment within the corporate limits of the Town.

\*The Town of Culver is currently working on negotiations with a company to place a fiber hut at the south end of Town. This hut will include space for Culver's selected fiber provider.

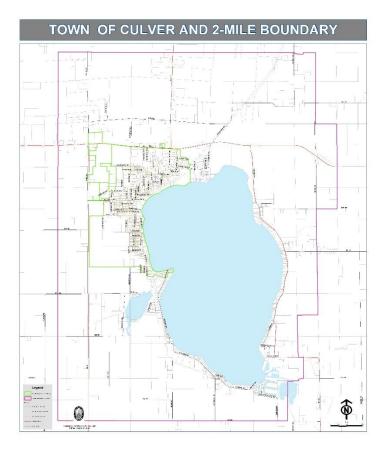
In addition to the previous, the Town has access to efficient communication channels through a massive 1500-household email list, two electronic message boards, active and well-followed social media accounts, and a deep reach into the community via an active and engaged public. We will provide information in a timely manner, and we will communicate to the public any information that aids the chosen provider(s). In addition, we will utilize our Broadband Fiber taskforce and staff, our communication channels, and other resources to aid with the adoption of services and products. Through this RFP, the Town of Culver seeks proposals from Applicants to build, operate, and maintain assets to provide internet service of at least 1,000 Mbps/200 Mbps throughout the Town's corporate limits. The Town seeks proposals that come as close to ubiquitous service as possible. The Town encourages collaboration among Applicants as necessary to meet the goals of this RFP.

# 2. Corporate Limits

This section is intended to describe the service area, which should include all businesses and residents within corporate town limits.

Following is a map of the Town's corporate limits.

**Green Line:** Culver Corporate limits Pink Line: 2-mile zoning limits



# 3. Project Requirements

The following section is intended to describe the network and product requirements associated with the broadband fiber project.

#### **3.1** Technical Requirements

The desired bandwidth level for broadband service is 1,000 Mbps Downstream and 200 Mbps Upstream (1,000 Mbps/200 Mbps). Applicants may propose any other levels of broadband speed they desire, provided the proposed Upstream speed is minimally 20% of the proposed Downstream speed and the proposed number meets the minimum (1,000 Mbps/200 Mbps).

The Town will assess all product offerings and will award higher scores for proposals that include the 1,000 Mbps/200 Mbps level of broadband speed.

This RFP does not dictate which technologies the Applicant should select or build, but rather leaves it to the Applicant to propose terrestrial (non-satellite) technologies that are suitable for deployment. Applicants' proposed solutions should meet the following technical performance requirements:

- Offer at least 1,000 Megabits per second (Mbps) download and 200 Mbps upload speed.
- System designed to 99.9% uptime.

• Network backhaul capacity per base station site must be 1 Gigabit per second (Gbps) minimum, but capable of scaling to accommodate the maximum customer capacity as designed. Total Internet peering capacity must accommodate the aggregate backhaul bandwidth of all base stations be scalable if implementing a hub-and-spoke design.

All products proposed MAY NOT contain monthly data caps or bandwidth/speed reduction due to metered usage.

## 3.2 Open Access Requirements

There are no requirements for open access.

#### 3.3 Network Construction Standards

The Town of Culver that is the subject of this RFP is not fully engineered. Applicants should expect that upon successful completion of a negotiated contract for deployment of a fiber network, and commencement of work by the selected Applicant, the Town will provide inspection oversight to ensure compliance with design and deployment standards per the negotiated contract. The selected Applicant will fully engineer the project prior to commencement of construction as a function of the negotiated contract. Deployment of all fiber and fiber-related infrastructure must comply with all National Electrical Contractors Association (NECA) codes and laws at the local, state, federal, and private land levels as they pertain to fiber optic installations.

Other construction requirements that are the responsibility of the Applicant include:

- Provide the Town with complete field work notes in accordance with specifications and guidelines.
- Work with the Town to obtain all required right of way approvals.
- Coordinate project deployment with all utilities.
- Obtain all required permits and private easement approvals.
- Obtain any necessary contractor licensing issued by Marshall County.
- Provide on-site construction inspections to ensure design.

## 3.4 Network Equipment, Design and Technical Specifications

The Applicant must provide network architecture documentation. These should include:

- Fiber/circuit utilization
- Equipment to be used (include detailed specifications)
- Active equipment locations
- Logical equipment designs and specifications
- Any other documents necessary to define and describe the intended architecture.

Network architecture should consider a redundant topology that provides resiliency in the network. While not every component of the network can be redundant, where feasible the Applicant should take steps to make service offerings as resilient as possible.

If the Applicant has preexisting core Assets (fiber, towers, hut sites, etc.) they intend to utilize to provide services to the required service area, that will be considered a benefit to the Town. Applicants utilizing preexisting infrastructure should provide documentation on how these Assets fit into their proposed network architecture. It should be noted that the Town's preference is to have all provisions underground.

The Applicant will be responsible for selecting equipment that can deliver the service. The Applicant should follow manufacturers' best practices when designing and deploying equipment. Confirmation should be provided that outlines how the Applicant proposes to adhere to the industry's best practices.

## 3.5 Network Test and Acceptance Standards

The Applicant will be required to demonstrate network performance to specified test standards. These standards will need to be met for services offered and infrastructure built or contracted. Speeds will be tested and proven per user.

Test standards are outlined in Attachment C.

## 3.6 Capital and Presence in the Town of Culver

Although the successful Applicant might receive a capital dollar subsidy from the Town, the Applicant will be contributing significant capital and operational assets of their own to the enterprise and must demonstrate they can successfully deliver fiber where the network is required to offer service. The Town will require that the selected Applicant maintain a presence in the Town, maintaining a service relationship with customers of the network.

A significant component of Applicant analysis and selection will be the Town's assessment of the Applicant's capital investment and proposed presence within the Town, demonstrating its capital investment and its capability to provide adequate service and support to its customers.

## 3.7 Network Deployment Timing

The Town intends the project be deployed in a continuous fashion commencing immediately upon contract execution.

## 4. Applicant Information

Each Applicant will be requested to provide background history, current capabilities, and financial statements. The Town is particularly interested in understanding the Applicant's capabilities and track record regarding customer acquisition capabilities and customer service capabilities. Each Applicant should provide any additional company information that may be relevant for in assessing its overall qualifications.

The Town will require the successful Applicant(s) to post a letter of credit to support its performance obligations. Provide information from your bank regarding the maximum amount of a letter of credit that your bank would issue on your behalf.

Startups or new Service Providers with limited performance history are not excluded from participation

in the RFP response process; however, they should anticipate providing similar performance and financial due diligence information upon request.

The Town reserves the right as a function of the RFP analysis process to require Applicants to identify the source(s) of Applicant's share of project funding.

The Town reserves the right to contact references as deemed necessary to complete its analysis. Please provide 2-3 references/examples of similar projects and the contact information for your references.

## 5. Proposed Customer Service and Network Support Operations

The Town of Culver and the Broadband Fiber Taskforce serving the Town throughout this RFP process and subsequent deployment would like to know how you will provide service to Culver residents and businesses. You should include in your response information on the following:

- Process for installing and connecting to each property: What is the process and what kind of impact will it have on customers and businesses signing on?
- Service guarantees with regard to speed, throttle, data limits, etc.
- Price packages and speed options to the customers: What are they and do they vary within peak periods?
- Contract requirements for your customers: What are they?
- Price increases and/or guarantees: How do you handle these?
- Fees to residents and businesses for installation (data limits or exceeding data limits, admin fees, service fees, call charges, network recovery fees, outage fees, etc.): What are yours and what do they cost?
- Fees for modems, routers, and any other installation equipment or backhaul equipment: What are they? Can customers provide their own or do you require they use specific ones?
- Bundling packages? Do you offer them and if so, what are they? Any other special promotions?
- Customer support: Describe presence in the town, waits for service calls, whether local personnel are available, how problems with equipment are handled, connectivity problems, whether there is 24/7 service, etc.
- Static IP provisions for users who require them: Can you provide these? What are the costs?
- Security: Describe how constant security is and what the preventative measures of the network are.
- Alternative services? Do you have any affordability options, digital literacy tools, or other services our customers or businesses would be interested in?

## 6. Rating Criteria

The Town will use the following selection metrics to determine the Applicant(s) it selects to move forward with to the contract negotiation phase. This is not intended to be a comprehensive list, nor is the arrangement of the criteria meant to imply order of importance in the selection process.

- Proposed project costs and the proposed Capital Cost to the Town (20%)
- Proposed solution (25%)
  - Understanding of the requested work: quality of network
  - Coverage, topology, and resiliency elements

- Equipment and design
- Availability and quality of required fiber products
- Reasonable prices inside the specified corporate limits of the Town
- Overall deployment timing priority given to project that can be completed the quickest
- Adherence to specified network construction standards
- Proposed Customer Service and Network Support Operations (25%)
  - Price package and speed options
  - Contract requirements
  - Cost of connecting each property to the network: Modems, routers, connectivity fees
  - Pricing options
  - Speed guarantees
  - Fees (admin, data limits, and so on)
  - Customer support
  - Security and preventative measures to the network
- Incorporation of the test and accept standards (5%)
- Completeness of RFP response (5%)
- Applicant background, qualifications, and capabilities (20%)
  - Customer service and acquisition capabilities
  - Financial stability
  - Similar projects completed
  - Knowledge and technical competence
  - Provide 2 to 3 references/examples of similar projects and contact information for the references

# 7. RFP Response Format

To expedite the assessment of the RFP responses, the Town requests that you organize your proposals with the sections outlined in the next paragraph. The analysis team will compare and contrast the RFP responses to determine which one best meets the specified requirements, and which will advantage the Town. All proposals must follow the same format and include each of the sections listed in the following paragraph. There is not a restriction to the number of pages submitted. Applicants should include any information necessary to ensure they have addressed what is in the RFP.

The aim of the required format is to simplify the proposal evaluation processes and to ensure that all proposals receive the same orderly review. All proposals shall include the following:

- Cover Sheet
- Executive Summary of Scope of Work
- Technical Approach and Work Plan
- Company Background
- Statement of Qualifications
- Cost Proposal and Company Financial Statement
- References

Appendices

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#### **8.1** Cover Sheet

Please be sure to review the Rating Criteria Section and ensure that all required information is included in the RFP. Follow this section's format to be sure you have included all the necessary sections of content required.

Complete the RFP Attachment A: Cover Sheet worksheet provided in the Appendix section. The Town is looking to this form for the primary point of contact to solicit any clarifications as part of the RFP review by the RFP selection committee. Provide the full legal name of the Applicant who will execute the contract, including any previous names or doing-business-as names. Provide additional specific information as listed on the Cover Sheet about the Applicant. The cover sheet must be signed by an owner, corporate officer, or agent authorized by the Applicant.

## **8.2** Executive Summary of Scope of Work

Applicant must provide an overview of the major features of the RFP submission. Include any suggestions, conclusions, recommendations, or assumptions the Applicant believes are significant to the understanding of the RFP. Applicant should take this opportunity to comment on the sequencing and description of the tasks and/or the time frame for completion of the tasks.

## 8.3 Technical Approach and Work Plan

This section should reflect the Applicant's knowledge, experience, and technical expertise with the services and support necessary to complete the work effort outlined in the RFP. A detailed scope of work, to include the specific information listed below and throughout this RFP, is expected.

#### 8.3.1 Technical and Procedural Concerns

Applicants should address any technical and/or procedural concerns that may influence the proposed project. Applicants should also include any assumptions made within their response. Based on your organization's approach to similar work efforts and previous experience, explain when and where you will require support from Town personnel. Please be sure to describe the form that such support would take and any special qualifications you will expect the Town staff to have to effectively provide the support.

#### 8.3.2 Technical Alternatives

In this section of your proposal, you are to describe any technical alternatives or exceptions to these specifications that you wish to present for the Town's consideration. You should cite the applicability of alternative approaches/procedures to address Town objectives and the advantages to be gained through their use.

Applicant must clearly acknowledge the project technical requirements as outlined in this RFP. Any exceptions the Applicant may have to the technical requirements as outlined in this RFP must be clearly called out with the Applicant's recommendation for improvement/correction of specific requirements.

#### 8.3.3 Implementation Schedule

In this section of your proposal, you are to describe the anticipated schedule for initial completion to deploy, operate, and maintain a Broadband Fiber Network, including anticipated resources required. Applicant should provide a proposed schedule for design, construction, and initiation of fiber services to the Town. The timeline schedule should include key milestones and phasing plans. Identification of Applicant and Town resources, with a brief description of tasks that will be required for each, will be most helpful. Should you include any technical alternatives for the Town's consideration, a separate schedule with resources should be included for each alternative.

#### 8.3.4 Staff Capabilities and Experience

Applicant should clearly describe the capabilities, qualifications, and certifications of the staff to be assigned to support the Town. The Town realizes that this work effort may require the services of multiple entities organized into a project team. Applicants have the option of engaging the services of subcontractors for completion of this project. If your proposal involves any subcontractors, you must provide full details on the nature of work to be performed by them and the location in which the work is to be performed. The Applicant understands that, if selected, the use of subcontractors must be approved in writing by the Town prior to initiating any subcontracted work.

The division of work assigned to subcontractors must be clearly specified in the Technical Approach and Work Plan section of your Proposal. The subcontractors' qualifications must be detailed in the Company Background section of your proposal. Subcontractor financial statements must also be provided with the Cost Proposal.

#### 8.3.5 Project Location

Describe proposed project location(s) with any deviations from the project areas of interest as outlined in this RFP clearly identified.

Provide coverage area Asset narratives as applicable to support the proposed design that demonstrates coverage of the project location within the priority area(s).

Provide map(s) outlining Asset placement as applicable to support the proposed design that demonstrates coverage of the project location within the priority area(s).

You may provide an alternative option for the 2-mile zoning area.

#### 8.3.6 Service Delivery and Design

Provide detailed service delivery and design information, as outlined in the Applicant's submission, to fully describe the service delivery platform being proposed. Provide a detailed narrative and related diagrams outlining your proposed network design, the specific equipment to be used, and verification that it meets the standards specified to deliver the products as outlined in this RFP. Include all proposed equipment specification sheets.

For each product being proposed within the scope of this RFP please provide the following information as applicable:

- Downstream speed.
- Upstream speed (must minimally be 20% of downstream speed).
- Monthly recurring cost (MRC) inclusive of estimated taxes and fees.

- One-time non-recurring installation costs (NRC) inclusive of estimated taxes and fees.
- Narrative of installation requirements/process.
- Service level agreement and performance metrics for each.

#### 8.3.6.1 Services Required

All proposals are required to include a description of the services required as the Applicant's organization would address support of the deployment, operation, and maintenance for the delivery of fiber products and services throughout the Town. Provide a narrative of your current and/or intended presence in the Town (i.e., sales, administrative, customer service personnel) in support of the Internet infrastructure established as a result of this RFP.

#### 8.3.6.2 Service Level Agreements

The Town has identified the following minimum service level requirements (SLR) which must be followed by the Applicant. Detailed requirements will be mutually defined by the Town and selected Service Provider during contract negotiations, and may be amended, added to, and subtracted from by mutual agreement during the contract term.

- ISP Internet access will be available ninety-nine (99) percent of each month.
- ISP Internet access will be expected to deliver 1000 Mbps download and 200 Mbps upload.
- ISP will monitor and administer the Internet assets twenty-four (24) hours a day, seven (7) days a week, three hundred sixty five (365) days per year.
- ISP will provide preventative maintenance whenever possible through proactive installation of patches, upgrades, hot fixes, service packs, and updates.
- ISP will provide constant security monitoring of the Internet assets.
- ISP will provide ongoing capacity management and planning to assure internet traffic throughput meets 1000 Mbps download and 200 Mbps upload.
- OTHER SLR AS DETERMINED.

Note: General Network and Testing Standard requirements are stated in Section 9 for each type of service.

## 8.4 Company Background

Please provide the following information as part of your company background and current capabilities:

- Overview of your company history, number of years in operation, and management team. Also, indicate if your company is currently registered to do business in the State of Indiana.
- Overview of your organization's services products, and capabilities. Include any brochures or marketing material you feel would help give the Town a better appreciation for your capabilities.
- Outline your company's capacity to handle a project of this size and complexity. If your capacity entails hiring additional staff should your organization be awarded the contract for this work effort, identify the quantity and type of staff you envision adding, and the time frame you anticipate the acquisition to take. The Town would prefer the staff were in place by the time the initial assessment is completed.

#### **8.5** Statement of Qualifications

Provide a description of two to three projects similar to the one described in this RFP that your company has deployed within the last five (5) years. Outline services offered, geography covered,

network design utilized, and customer types served. For each project, provide the contact information for the primary reference for each of the projects including: the company/organization name, a primary point of contact, their title, and their phone number. The preference of the Town would be to receive a list with both older established sites as well as new installations if possible.

## **8.6** Cost Proposal and Company Financial Statement

All Applicants must provide a cost proposal for each technical alternative you wish to propose within the RFP response. Applicants must include their proposed Capital Cost to the Town for the project as well. Total overall costs to complete the work tasks will be considered by the Town. Although the Town reserves the right to negotiate best and final pricing, the price included in your response will be used when evaluating your proposal submission.

All Applicants must provide audited financial statements of the entity that would enter a contract with the Town (unaudited financial statements are acceptable if Applicant does not have audited financials) from the past three years, and Applicants may also include credit ratings/reports, reference letters from your bank and reference letters from suppliers.

## 8.7 Appendices

Applicants can attach such documentation as desired to support the RFP response to assist the Town to better assess the Applicant's RFP submission. If used, Appendices must be clearly labeled with a purpose for submission.

## 9. Network and Testing Standards

Applicants will be required to demonstrate network performance to specified test standards. These standards will need to be met for services offered and infrastructure built or contracted. Test standards will be per user and include the following as outlined:

#### **9.1** Fiber Infrastructure

Applicants shall provide the Town with the following testing documentation:

#### 9.1.1 Insertion Loss Test

All optical fiber cables and cable plants shall be tested for insertion loss using Electronic Industries Alliance/Telecommunication Industries Association (EIA/TIA) Standards EIA/TIA 526-14 or EIA/TIA 526-7. Insertion loss refers to the optical loss of the installed fibers when measured with a test source and power meter (OLTS).

#### 9.1.2 OTDR Testing

The Applicant will be required to test all fiber segments with an optical time domain reflect-o-meter (OTDR). The tests performed are to verify the quality of the installation and for establishing baseline data for future troubleshooting. However, it shall not be used as a measurement of the light loss of the cable.

OTDR measurements should follow procedures outlined in EIA/TIA 455-59, -60, and -61. The Town reserves the right to verify through separate testing the Applicant's test data submitted.

#### **ATTACHMENT A: COVER SHEET**

Name of Person, Business or Organization:
Type of Entity:
Federal Tax ID Number:
DUNS Number:
Contact Person – Name
Contact Person – Address
Contact Person – Phone Number(s)
Contact Person – E-mail address(es)

By signing this *Cover Sheet* I hereby attest: that I have read and understood all the terms listed in the RFP; have read and understood all terms listed in this proposal; that I am authorized to bind the listed entity into this agreement; and that should this proposal be accepted, I am authorized and able to secure the resources required to deliver against all terms listed within the RFP as published by the Town of Culver, Indiana, including any amendments or addenda thereto except as explicitly noted or revised in my submitted proposal.

Signature of Authorized Representative Printed Name of Authorized Representative

Date Printed Title of Authorized Representative

#### **ATTACHMENT B: NON-COLLUSION CERTIFICATE**

By submission of this proposal, each vendor and each person signing on behalf of any vendor certifies, and in the case of a joint quotation each party thereto certifies, as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

- 1. The prices in this quotation have been arrived at independently without collusion, consultation, communications, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other vendor or with any competitor.
- 2. Unless otherwise required by law, the prices which have been quoted in this proposal have not been knowingly disclosed by the vendor and will not knowingly be disclosed by the vendor, directly or indirectly, to any other vendor or to any competitor.
- 3. No attempt has been made or will be made by the vendor to include any other person, partnership, or corporation to submit or not to submit a proposal for the purpose of restricting competition; and
- 4. No employee of the Town of Culver, Indiana, or the Culver Redevelopment Commission has received or will receive any payment or any other form of financial compensation from the Vendor as the result of award of this contract or promise of award to vendor.

Name:		
Signature:		
Title:		
Company:		
Date:		
Before me, a notary public in and for sai	d county and state, person	ally appeared
	, who acknow	rledged the truth of the statements
in the foregoing affidavit on this	day of	
Notary Public:	•	
Name:		
County of Residence:		
My Commission Expires:		

#### **ATTACHMENT C: COST PROPOSAL**

Complete this form in its entirety. Identify the costs for the services outlined in the RFP. If you wish to propose any technical alternatives, please submit those costs on the optional sections of the Cost Proposal form marked Technical Alternatives.

#### Vendor Name:

CATEGORY*	COST ESTIMATE	% of Town of Culver Cost
Buildings and Land		
Construction Labor - Last Mile		
Construction Labor - Middle Mile		
Materials		
Customer Premise Equipment		
Customer Premise Installation		
Electronics		
Professional Services (Design &		
Engineering)		
Total Project Cost		
Total Culver Cost		

#### NOTES:

<sup>\*</sup>Category - please use the suggested categories above; if a category is not listed here, please add a row into the table as needed.

## **ATTACHMENT D: TECHNICAL ALTERNATIVES (OPTIONAL)**

Use this form to identify costs only if you have outlined technical alternatives as part of your response to this RFP

Vendor Name:

CATEGORY*	COST ESTIMATE	% of Town of Culver Cost
Technical Alternative 1		
(SPECIFY)**		
A.		
В.		
C.		
D.		
E.		
Technical Alternative 1		
Project Total		
Technical Alternative 2		
(SPECIFY)		
A.		
В.		
C.		
D.		
E.		
Technical Alternative 2		
Project Total		
Town of Culver Cost Project		
Total		

#### NOTES:

<sup>\*</sup>Category - please insert the needed categories for the technical alternative. Insert rows as needed to provide the full cost estimate of the technical alternative.

<sup>\*\*</sup>Technical Alternative - please be sure to include a cost proposal for each of the technical alternatives provided in the RFP response.