

Appendix A

Responsibility Matrix

Talbot County, MD Bid 17-13

Respondent: TBD

Acronyms & Definitions

| | |
|----------------|---|
| CPE | Customer Premises Equipment: Generic term for electronics located at the consumer premises. |
| DIA | Direct Internet Access: Commodity Internet bandwidth purchased by the Internet service provider (ISP), used by consumers to access the Internet |
| FTTP | Fiber-to-the-Premises |
| ISP | Internet Service Provider |
| NID | Network Interface Device: A junction box typically mounted on the outside of the customer premises, the NID is a non-powered box used to connect the fiber drop cable (cable from the fiber tap to the premises) to the fiber cable extending from the NID to the Optical Network Terminal (ONT) located in the customer premises. |
| NOC | Network Operations Center |
| OLT | Optical Line Terminal: Device that serves as the ISP endpoint on a Passive Optical Network (converts electronic signals to optical signals). |
| ONT | Optical Network Terminal: Media converter used to convert the FTTP optical signal to an ethernet port, coaxial output, or telephone output. |
| OSP | Outside Plant: Physical cable and infrastructure (fiber cable, conduit, cabinets, poles, etc) deployed to deliver connectivity services from an operations center to the customer premises. |
| PILOT | Payment In-Lieu of Taxes |
| ROW | Right-of-way |
| SLA | Service Level Agreement |
| Tier 1 Support | First level customer support, generally a call center with representatives who can perform basic troubleshooting and record incidents. |
| Tier 2 Support | Second level support, detailed investigation with expert technicians. |
| Tier 3 Support | Third level support, service troubleshooting and software support from the engineering team. |
| USF | Universal Service Fund |

**Appendix A
 Responsibility Matrix
 Talbot County, MD Bid 17-13
 Respondent: TBD**

Do you propose to act as a RETAIL Internet service provider (ISP)? (Choose from drop-down menu at right)
 Do you propose to allow multiple RETAIL Internet service providers (ISP)? (Choose from drop-down menu at right)

Use drop-down menu
 Use drop-down menu

Instructions

1. For each task, please indicate with an "X" which party will have the primary responsibility.

2. Add any clarifications in the "Comments/Exceptions" section. Please keep response to fewer than 50 words.

3. See definitions in sheet "Definitions"

Please note we are defining funding as providing money for the FTTP operation and debt service, while financing, is the means of raising money, as a bond issuance, to finance the FTTP construction and start-up costs.

| Functional Area | Tasks/ Responsibilities | Operational Responsibilities | | | | Funding Responsibilities | | | |
|---|---|------------------------------|---------------------------|---|---------------------------------------|--------------------------|---------------------------|---|---------------------------------------|
| | | County Responsibility | Respondent Responsibility | Retail ISP Responsibility (if not respondent) | Comments / Exceptions / Clarification | County Responsibility | Respondent Responsibility | Retail ISP Responsibility (if not respondent) | Comments / Exceptions / Clarification |
| Debt Service Payments | FTTP Network (fiber) | | | | | | | | |
| | FTTP Electronics | | | | | | | | |
| | Customer Drop & NID | | | | | | | | |
| | Entry from NID & In-Premises Wiring | | | | | | | | |
| Provide Security for Financing | CPE (ONT) | | | | | | | | |
| | FTTP Network (fiber) | | | | | | | | |
| | FTTP Electronics | | | | | | | | |
| | Customer Drop & NID | | | | | | | | |
| Ownership | Entry from NID & In-Premises Wiring | | | | | | | | |
| | CPE | | | | | | | | |
| | FTTP Network (fiber) | | | | | | | | |
| | FTTP Electronics | | | | | | | | |
| Insurance | Customer Drop & NID | | | | | | | | |
| | Entry from NID & In-Premises Wiring | | | | | | | | |
| | CPE | | | | | | | | |
| | FTTP Network (fiber) | | | | | | | | |
| Replenishments | FTTP Electronics | | | | | | | | |
| | Customer Drop & NID | | | | | | | | |
| | Entry from NID & In-Premises Wiring | | | | | | | | |
| | CPE (ONT) | | | | | | | | |
| Taxes | Customer Ownership | | | | | | | | |
| | Outside Plant (OSP) | | | | | | | | |
| | Drop and the NID | | | | | | | | |
| | Network Electronics | | | | | | | | |
| Outside Plant | Entry Cable, CPE & In-Premises Wiring | | | | | | | | |
| | CPEs (ONTs) | | | | | | | | |
| | OLTs & Other Subscriber Electronics | | | | | | | | |
| | Core Electronics | | | | | | | | |
| Outside Plant | USF & other federal tariffs and fees | | | | | | | | |
| | Sales (state, county, municipal) | | | | | | | | |
| | PILOT | | | | | | | | |
| | Pole attachments | | | | | | | | |
| | ROW fees (backbone, middle-mile, and last-mile) | | | | | | | | |
| | ROW fees (drops) | | | | | | | | |
| | Locates | | | | | | | | |
| | Trouble ticket processing | | | | | | | | |
| | Fiber maintenance – material | | | | | | | | |
| | Fiber maintenance – labor | | | | | | | | |
| | Strand Management | | | | | | | | |
| | Maintain Inventory | | | | | | | | |
| | Real estate for active network equipment in field | | | | | | | | |
| | Facilities (warehouse, crew, etc.) | | | | | | | | |
| | NOC for OSP (lease) | | | | | | | | |
| | Design | | | | | | | | |
| Construction Oversight | | | | | | | | | |
| Network engineering - fiber (last mile) | | | | | | | | | |
| Network engineering - fiber (backbone & middle mile) | | | | | | | | | |
| Fiber drop installation (network demarcation to building entry) | | | | | | | | | |
| Maintain inventory (optical network elements) | | | | | | | | | |
| Network operations center – facilities | | | | | | | | | |
| Network operations center – staffing 24x7 | | | | | | | | | |
| Facilities (staff) | | | | | | | | | |
| Facilities (warehouse & staging) | | | | | | | | | |
| Provide DIA | | | | | | | | | |
| Network engineering-electronics (last mile) | | | | | | | | | |

**Appendix A
Responsibility Matrix
Talbot County, MD Bid 17-13
Respondent: TBD**

Network Operations Network engineering-electronics (backbone & middle mile)

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

