# **PSD DARK FIBER 2017**

(District Dark (Unlit) Fiber Connections)

## Poplarville Special Municipal Separate School District

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## PSD DARK FIBER 2017 Poplarville Special Municipal Separate School District

#### SUBJECT:

RFP is for a 3 and 5 year contract for Leased Dark Fiber to connect schools in Poplarville Special Municipal Separate School District together and therefore to the Internet. The district wishes to evaluate various time frame options understanding that a longer contract term may prove to be advantageous to the District.

#### **PURPOSE:**

Proposals are being sought by Poplarville Special Municipal Separate School District for the purpose of securing the most cost efficient way of connecting our schools and remote buildings to the Internet in order to provide Internet access to all of our district's students and staff. The resulting contract will include a voluntary 2 year extension and price redetermination at least every 2 years of the contract.

#### **BACKGROUND:**

The purpose of this RFP is to explore the various options currently supported through the E-Rate program and its Category One services. The district wishes to explore various contract term options.

#### Terms used throughout this RFP

USAC – Universal Service Administrative Company
SPAC - Service Provider Annual Certification
SPIN – Service Provider Identification Number
The District –Poplarville Special Municipal Separate School District

#### This RFP package consists of the following sections:

- I. General Conditions
- II. Equipment and Services Sought
- III. District Responsibilities
- IV. The Service provider's responsibilities

#### **Proposal Forms:**

Send sealed proposals and supporting documentation to:

Ben Whatley, Network Manager 302 South Julia Street Poplarville, Mississippi 39470

Sealed proposals must be clearly marked "PSD-DKF-2017"

#### Do Not Fax or Email Proposals.

Proposals will be received by Poplarville Special Municipal Separate School District at the address shown above until 11:45 am on January 27, 2017. Proposals must be mailed to the address above and received before the closing time or may be hand delivered. Courier delays are not an acceptable excuse for deliveries made past the deadline.

#### Schedule of Events:

Event	Date(s)
Release of RFP to service providers	December 14, 2016
Site Visit #1 (One Visit is Mandatory)	January 5, 2017 @ 9am
Site Visit #2 (One Visit is Mandatory)	January 12, 2017 @ 9am
Deadline for Submission of Proposals	11:45 am on January 27, 2017
Opening of Proposals (Opening Location)	12:00 pm on January 27, 2017

## Inquiries

All correspondence and inquiries regarding this RFP must be done via Email: <u>bwhatley@poplarvilleschools.org</u>

Service providers should whitelist email from

bwhatley@poplarvilleschools.org to ensure updates to this proposal request are received.

If a service provider does not receive a response within 48 hours, it is the responsibility of the service provider to call Ben Whatley at 601-795-1700 and confirm that the email message was received.

All questions and answers will be posted on the Proposal Web site at <a href="http://tinyurl.com/gmwhdjg">http://tinyurl.com/gmwhdjg</a>

#### Basis of Award:

- 1. E-rate approval by USAC
- 2. Provider must have current USAC SPAC.
- 3. References of at least two (2) installations/dark fiber service of similar application size and complexity.
- 4. Service Provider must be able to secure any necessary permits.
- 5. Helpdesk and Network Management System. (24x7x365)
- 6. Service Provider MUST complete the MANDATORY SITE VISIT. NO PROPOSALS WILL BE ACCEPTED FROM SERVICE PROVIDERS WHO DO NOT COMPLETE THE MANDATORY SITE VISIT. Two options for site visits have been made available and scheduled. Please view page 3 for reference. Advanced RSVP can be made via email (preferred) at <u>bwhatley@poplarvilleschools.org</u> or calling the Network Manager's Office (secondary) at 601-795-1700.
- 7. A scoring matrix will be used during evaluation of proposals.

## I. General Conditions:

The following are the General Conditions for the work to be performed as outlined in the Detailed Specifications.

#### 1. Location of Sites

The location of the work is on property owned by The District and through negotiated services on right-of-ways.

#### 2. Scope of Work

It is understood that, except as otherwise specifically stated in this RFP, The Service provider shall provide and pay for all materials, labor, tools, equipment, transportation, temporary construction of every nature and all other services and facilities of every nature whatsoever, necessary to execute, complete and deliver the work within the specified time. Licenses necessary for the execution of the work shall be secured and paid for by The Service provider. This would include all pole rights needed for fiber services obtained through local utilities.

Any work necessary to be performed after regular working hours, on weekends or legal holidays, shall be performed without additional expense to The District, unless the weekend or holiday work is due to a delay caused by The District. The Service provider will be fully responsible for securing all required right-of-ways, construction permits and cross connects required to complete this project.

#### 3. Protection in General

The Service provider shall protect all buildings, furniture, equipment, personal items, trees, shrubs, lawns and all landscaping on school property from damage. Any damaged property shall be repaired or replaced at the Service provider's expense. Labor shall include all restoration (leveling, sod replacement) of grounds broken up during the installation of this network.

#### 4. Change in Contract

The District will not be responsible for any change in the work involving extra costs unless approval in writing is furnished by the Technology Coordinator before such work is begun.

#### 5. Existing Conditions

The Service provider, in submission of this proposal, will have visited the premises of each building and will be assumed to have taken into

consideration all conditions, which might affect this work. The location of the demarcation shall be in the server closet or another location specified by The District technical personnel. No consideration will be given to any claims based on a lack of knowledge of existing conditions. For questions about site visit opportunities, contact Ben Whatley at bwhatley@poplarvilleschools.org

#### 6. Insurance

Within ten (10) days after notification of award, the service provider shall furnish to the District a Certificate of Insurance showing compliance within the following limitations:

- The Service provider agrees to comply with the provisions of Worker's Compensation Laws of the State of Mississippi.
- It shall be stated on every policy or Certificate of Insurance, as the case may be, that "The insurance company agrees that the policy shall not be canceled, changed, or allowed to lapse until ten (10) days after The District has received written notice as evidenced by the return receipt of registered mail, and it is agreed further that as to lapsing, such notice will not be valid if mailed more than fifteen (15) days prior to the expiration date shown on the policy."
- The Service provider shall maintain other insurance (with the limits shown below) that shall protect The Service provider and The District from any claim for property damage or personal injury, including death, which may arise out of operations under this contract, and the Service provider shall furnish the District with certificates and policies of such insurance as follows.
- Below is a list of the insurance coverage that must be procured by The Service provider at his own expense. The Service provider agrees to follow instructions indicated in each case:
  - The District Protective Liability Insurance: Personal injury, including death, limits of \$1,000,000.00 for each person and \$1,000,000.00 for each accident.
  - Service provider's Public Liability Insurance: Personal injury, including death, limits of \$1,000,000.00 for each person and \$1,000,000.00 for each accident.

Property Damage limits of \$100,000.00 for each accident and \$500,000.00 for the aggregate.

## 7. Workmanship

All work shall be performed in a professional manner. Personnel from The

District may observe the work procedures and workmanship of the Service provider, but such observation will not relieve the Service provider from any responsibility of performance or constitute acceptance of the work performed.

## 8. Warranty

The Service provider shall furnish a written warranty that describes the services proposed under these specifications. It is understood that the Service provider is not responsible for the warranty/function of existing equipment already installed at the schools. However, limited troubleshooting of existing equipment or cabling will be provided by the Service provider free of charge to determine if the existing equipment or cabling can be reutilized. The Service provider must also show proof that their employee(s) are certified to install the proposed cabling components and electronic equipment, as assurance that a warranty can be provided.

## 9. Financing:

The Service provider will provide a binding contract to The District for submission to the Schools and Libraries Division. After notification of award from the Schools and Libraries Division, The Service provider will invoice The District monthly for the products and services for which The Service provider will be responsible as a result of this RFP. Terms of the invoice will be NET 45 days. Payment to the service provider will be subject to the rules of the Schools and Libraries Division (SLD).

## 10. Lease

In the case of leased equipment such as routers, contractual terms of the lease must be provided with The Service provider's Proposal. The term "lease" is used to refer to contractual arrangements whereby the ownership of the property remains with the service provider, as stipulated in the SLD Fact Sheet on Internet Services Connectivity, 2/24/98, page 1. The SLD has stated that it will not commit to discounts on a contract that is titled or described as a lease when in effect the terms of the agreement constitute a purchase. For example a lease, which includes up front payment of capital costs, will not be eligible for discounts.

## **11. Application for Payment**

All applications (invoices) for payment shall be submitted to The District according to the USAC regulations. The Service Provider must submit a

Service Provider Invoice for processing. The District will be able to choose SPI or BEAR method of receiving eRate funding.

## 12. Addenda

Any addenda issued after the issue of this RFP shall be delivered to all parties who complete or have completed the mandatory walkthrough within 24 hours of issuance or upon completion of the walkthrough.

If any questions arise within the RFP documents, the Service provider may submit to the District, written request for interpretation. Any interpretation of documents will be made by addendum to the RFP. Copies of any addendum will be mailed or delivered to each that has completed the mandatory site visit. The District will not be responsible for any other explanation or interpretations. The District reserves the right to reject any or all proposals and wave technicalities and informalities.

## 13. Proposal Submittal

In order to be eligible for submission of a proposal, the service provider must complete a site visit to all locations in the proposal. Any submissions submitted by a company that has not completed a site visit will be returned unopened.

Two copies of the proposal and two copies of the other required documentation must be sent in a sealed envelope clearly marked with the words "PSD-DKF-2017" to the address noted on page 2 of this document. All proposals will be opened at 12:00 pm on January 27, 2017 at The District Central Office at 302 South Julia Street, Poplarville, Mississippi.

Due to the nature and diversity of the proposals, a significant amount of time may be required to determine which proposal provides the best option for The District. The possibility is that the best option will involve district purchased equipment that may or may not be E-Rate eligible or may or may not be part of this proposal could significantly delay the evaluation process. The evaluation process will not be complete until The District has determined the best proposal based on all factors.

## 14. Withdrawal of Proposal

A proposal cannot be withdrawn after it is filed, unless the Service provider makes a request in writing to The District prior to the time set for the

opening of submitted proposals. The District will accept no proposals after the deadline for submission of proposals

## **15.** The Service provider's Qualifications

The Service provider must provide proof of registration with the (SLD) for reimbursement under E-Rate guidelines for Priority One Services. If The Service provider fails to file the appropriate forms with the SLD or fails to receive an SLD Service provider number, The District is not responsible for the discounted portion of The Service provider's bill. The Service provider must generate an invoice for the USF portion of the bill in accordance with SLD regulations. The Service provider is responsible for supplying SLD SPIN with the proposal.

The Service provider must hold a General Contractors License in the State of Mississippi. A legible copy of the license must be attached and noted.

It is preferred that the service provider has been in business for at least 5 years. A legible copy of incorporation papers must be attached and noted. Service providers must give examples of experience with installation of similar projects that have equal broadband connectivity. Service provider must give examples and contact information for at least two such installations.

#### 16. Stored Materials

Any materials stored on job site shall be the Service provider's responsibility.

#### 17. Specifications

Complete specification details for all products being proposed must be provided as part of the RFP response package (proposal).

#### **18. Time of Completion**

Work must be completed and operational beginning July 1, 2017 presuming the service provider is selected, contract signed and E-Rate forms are submitted by the district in a timely manner.

## **19. Accident Prevention**

Precautions shall be exercised at all times for the protection of persons (including employees and students) and property and hazardous conditions shall be guarded against or eliminated. The District or the building principal will determine what constitutes a hazardous condition on any campus and the Service provider will be responsible for rectifying the issue to the satisfaction of The District.

## 20. Contract Form

Upon Contract award and a binding contract signed, execution of the contract will be contingent upon USAC acceptance and funding of the project.

## 21. Indemnification

The Service provider agrees to hold The District harmless and to indemnify The District for every expense, liability or payment arising out of or through injury (including death) to any person or persons or damage to property (regardless of whom the owner may be of the property) of any place in which work is located arising out of or suffered through any act or omission of The Service provider or Subcontractor.

## 22. The Service providers' Representative

The District reserves the right, with sole discretion, to refuse to allow any representative of The Service provider to service the contract in any manner. In this event, The Service provider shall furnish another representative that is acceptable to The District. Examples of reasons for refusing to allow a Service provider representative to service the contract include, but are not limited to:

- Use of profanity or abusive language around any school personnel or students.
- Unclean or unkempt appearance.
- Intoxication or obvious drug use.
- Threatening behavior towards any school personnel or students.

Should the Service provider use subcontractors for portions of the work, the District reserves the right to reject any subcontractor without explanations or recourse by The Service provider or subcontractor.

## 23. The District Regulations

The Service provider and his representatives shall follow all applicable school district regulations while on The District property, including the no smoking, no weapons, and drug free policies. No work shall interfere with school activities or environment unless the Principal or person in charge gives permission. All Service provider personnel shall be easily identified by the

use of identification badges and uniforms or shirts with The Service provider's logo clearly visible

## 24. Governing Law

All RFPs and related documents submitted to The District by the Service provider are governed under the laws of the State of Mississippi.

#### 25. Comprehensive List of References

All references should include: a contact person, dates of work, mailing address and telephone numbers.

References must include three (3) or more references of installations of similar size and complexity within the USA.

## 26. The District reserves the right to:

- Give full and proper consideration to the service, reputation, product knowledge, and experience of all companies presenting proposals, and to disqualify any such service provider it deems unqualified to provide the services requested.
- Reject any and all proposals if deemed necessary.
- Accept any alternative proposal believed to be in the best interest of the district.
- Waive any formality in the proposal submission.
- Cancel any awarded proposal if the service proves unsatisfactory.

#### 27. Proposals

Proposals are to include the furnishing of all materials, equipment, maintenance, shipping costs, delivery, installation, drawings and the provision of all labor and services necessary or proper for the completion of the work as may be otherwise expressly provided in the contract documents. The District will not be liable for any costs beyond those proposed herein. Please be advised that public schools are specifically exempted from the payment of Mississippi Sales Tax. In case of discrepancy in computed proposal prices, the unit price shall govern and the total price shall be revised accordingly.

#### 28. Variation in Quantities and Configuration

The District reserves the right to modify quantity and configuration requirements. The Service provider agrees to sell The District the revised quantity of items at the unit price stated in the proposal regardless of quantity changes.

## 29. Terms of Payment

The start of services for this project may not begin prior to July 1, 2017. The District will issue an SLD Form 486 as soon as it can after the receipt of the 471 approval documentation. For the duration of the contract, payments will be made monthly in accordance with district payment policies and after the district receives an invoice from the service provider.

## 30. Turnkey Solution

All proposals are to provide a turnkey solution for installation of circuits for connecting the buildings of the district to the District's Internet connection. The District agrees to certify acceptance by location to establish an incremental performance baseline. However, the final system installation shall provide the capabilities specified in Section II, Detailed Specifications.

## 31. Term of Contract and E-Rate Subsidies

Payment for The District's networking circuits is dependent on E-Rate subsidies. The district will file for the E-Rate subsidies throughout the term of the contract. In the event that the district E-Rate subsidies were to cease, the district will notify the service provider as to the date of the cessation and the District's will be liable only for payment for services until the time of termination. If E-Rate subsidies stop, the district will not be bound by the remainder of the contract.

## 32. W-9 Disclosure

The Service provider must supply a completed IRS W-9 form upon request.

## II. Equipment and/or Services Sought

#### 1. Leased Dark Fiber Connection

As the district continues to see increase learning-related bandwidth requirements, additional e-rate eligible methods of providing bandwidth are required. As such, the district has determined that a cost effective method to meet their bandwidth requirements is to lease dark (non-lit) fiber optic cabling from an e-rate eligible provider.

The district desires a single-mode (SC Connection) leased connection for a term of not less than three (3) years with voluntary renewals for two (2) additional one (1) year terms, for a total of five years.

The dark fiber connections desired must connect the following school sites to the district office:

#### **District Office**

302 South Julia Street Poplarville, MS 39470

#### **High School Site**

#1 Hornet Drive Poplarville, MS 39470

#### Middle School Site

#6 Spirit Drive Poplarville, MS 39470

#### **Upper Elementary School Site**

#1 Todd Circle Poplarville, MS 39470

#### **Lower Elementary School Site**

804 South Julia Street Poplarville, MS 39470

#### 2. Quantities and Description

Qty	Site
1	Lower Elementary Site to District Office
1	Upper Elementary Site to District Office
1	Middle School Site to District Office
1	High School Site to District Office

## 3. Additional Information

In addition to the price information in the bid response, all responding vendors should include the following information:

- Disaster Recovery Plan to Restore Connectivity to Schools including SLA for estimated downtime
- Proposed Network Design including any potential faults (UPS, switch, etc) that The District does not control.
- Proposed Service Level Agreement (SLA) to handle service credits for downtime
- Details of after-hours support system
- Details of proposed leased fiber (fiber type, etc.)

#### 4. Construction Cost

As e-rate funding is sought for this project, the district must follow e-rate rules in regards to construction costs as they relate to dark fiber. Each vendor should show construction costs associated with getting dark fiber to the property's edge (if applicable) along with a separate construction cost (if applicable) to terminating the fiber at the equipment closet at each school and the district office. The overall cost to the district will be considered in awarding a contract from this bid.

Qty	Site
1	Construction Costs to Lower Elementary Property Edge
1	Construction Costs to Upper Elementary Property Edge
1	Construction Costs to Middle School Property Edge
1	Construction Costs to High School Property Edge
1	Construction Costs to District Office Property Edge

Qty	Site
1	Construction Costs to Demarcation Point at Lower Elementary
1	Construction Costs to Demarcation Point at Upper Elementary
1	Construction Costs to Demarcation Point at Middle School
1	Construction Costs to Demarcation Point at High School
1	Construction Costs to Demarcation Point at District Office

Additional details will be discussed at the bidder's conference for the project.

## **III. The District Responsibilities**

## 1. Access for Installation

The District will, during the progress of the installation, allow the Service provider and its employee's access to the premises and facilities at all reasonable hours or at such hours as The District representative and the Service provider agree upon.

The District will provide access to existing conduit or the placement of new conduit if necessary to all work locations, floors, buildings, etc., to support the media installation and provide Service provider access to these adjacent areas where and when required.

## 2. Heating/Cooling

Provide heat or cooling when required and general illumination in rooms where work is to be performed by The Service provider.

## 3. Inspections

Promptly make inspections when notified by the Service provider that the equipment or any part thereof, is ready for acceptance.

## 4. Electrical

The District will provide all electrical needs within the district buildings.

#### 5. Delay in Work

It is understood that the Service provider will not be held accountable for any delays caused by The District.

## **IV.** The Service Provider's Responsibility

## 1. Provision

The Service provider must provide all supervision, tools, equipment, hardware and wiring materials as specified; transportation, erection, construction, unloading, inspecting, and keeping inventory as specified in attached contract documents. Whenever in the Contract the terms "provide, furnish, supply, install, etc.", can be interpreted as requiring the Service provider both to furnish and/or install materials, unless specific provisioning/installation of the materials by The District is denoted.

#### 2. Firewalls

Provide for the installation of all conduits and sleeves through firewalls and application of firestopping materials as required to meet codes.

## 3. Ceiling Tiles

Provide for the removal and reinstallation of all ceiling tiles as needed. Any broken ceiling tiles will be replaced with equal or better quality of the damaged ceiling tiles.

#### 4. Identification

The Service provider will identify to the district any work necessitating cutting into or through any part of the building structure such as girders, beams, concrete, tile floors or partition ceilings.

## 5. Permits

The service provider shall obtain all necessary county, municipal, and/or state work/building permits. This includes any permits that may be needed to gain the right of way for outside cabling.

#### 6. Damage

The Service provider will be responsible for repairs of damage to the building, roads, equipment, existing cable, or property. The Service provider will promptly report to a representative of The District any such damage to the building, roads, equipment, existing cable, or property that may occur while performing work in the facilities.

## 7. Installation

Install the wire, cable, and/or associated hardware in accordance with the

manufacturer's specifications. All cabling and equipment shall be sufficiently labeled such that the equipment designation or purpose, interconnections and cabling endpoints can be easily determined. All labeling shall correspond with the drawings provided in Item 15 below.

## 8. Test and Inspections

Conduct tests and inspections in the presence of a The District technical representative after installation has been completed in order that The District may be assured that the requirements for the installation are met.

## 9. Completion Notification

Promptly notify The District designated contact of completion of this proposed project.

## **10. Defects**

The Service provider will promptly correct all defects for which the Service provider is responsible.

## **11.** The District Contact

The Service provider must coordinate all work with The District designated contact.

## 12. Cleanup

Upon completion of the work each day, the Service provider must remove all tools, equipment, rubbish and debris from the premises and must leave the premises clean and neat and in the same condition as it was found.

#### 13. Subcontractors

The Service providers may use subcontractors to perform work. However, all responsibilities rest with the Service provider.

## 14. Testing

The Service provider will provide The District with complete detailed test results. The test results must be delivered to The District before payment.

#### 15. Drawings:

The service provider shall furnish, with the proposal, a complete set of drawings showing the design of the infrastructure and the interconnection of all equipment installed. The drawings will also include the location of existing electronic equipment utilized in the new installation. The drawings should indicate if any fiber is run above or below ground.

## 16. Warranty

This system is to be provided as an E-rate funded Telecommunication service and requires the service provider to provide complete maintenance and warranty the system in full.

## 17. Codes, Standards, and Ordinances

All work shall conform to the latest edition of the National Electrical Code, the Building Code, and all local codes and ordinances, as applicable. ANSI/TIA/EIA-568-A and ANSI/EIA/TIA-569 shall be adhered to during all installation activities. Methodologies outlined in the latest edition of the BICSI *Telecommunications Distribution Methods Manual* shall also be used during all installation activities. Should conflicts exist with the foregoing, the authority having jurisdiction for enforcement will have responsibility for making interpretation.

## 18. Safety

The Service provider shall take the necessary precautions and bear the sole responsibility for the safety of the methods employed in performing the work. The Service provider shall at all times comply with the regulations set forth by federal, state, and local laws; rules; and regulations concerning "OSHA", and all applicable state labor laws, regulations, and standards. The Service provider shall indemnify and hold harmless The Customer from and against all liabilities, suits, damages, costs, and expenses (including attorney's fees and court costs) that may be imposed on The Customer because of The Service provider, subcontractor, or supplier's failure to comply with the regulations stated herein.

## 19. Patents and Royalties

The Service provider, without exception, shall indemnify and hold harmless The Customer and its employees from any liability of any nature or kind, including costs and expenses for or on account of any trademarked, copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the Contract, including its use by The Customer. If The Service provider or subcontractor uses any design, device, or material covered by letters, patent, trademark, or copyright, it is mutually understood and agreed without exception that the proposal prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work.

## **20. USAC Certifications**

The Service provider must be an approved USAC service provider with a current SPIN and SPAC. It will be the responsibility of the service provider to maintain all USAC certifications throughout the term of the contract.

## 21. Indemnification

The Service provider shall indemnify and hold harmless The District, its agents and employees from or on account of any injuries or damages, received or sustained by any person or persons during or on account of any operation connected with this Contract; or by consequence or any negligence (excluding negligence by The Customer, its agents, or employees) in connection with the same; or by use of any improper material or by or on account of any act or omission of said Service provider or its subcontractors, agents, servants, or employees. The Service provider further agrees to indemnify and hold harmless The Customer, its agents or employees, against claims or liability arising from or based upon the violation of any federal, state, county, Poplarville, or other applicable laws, bylaws, ordinances, or regulations by The Service provider, its agents, associates, or employees.

The indemnification provided above shall obligate The Service provider to defend at its own expense or to provide for such defense, at The Customer's option, of any and all claims of liability and all suits and actions of every name and description that may be brought against The Customer which may result from the operations and activities under this Contract whether the installation operations be performed by The Service provider, subcontractor, or by anyone directly or indirectly employed by either.

The award of this Contract to The Service provider shall obligate The Service provider to comply with the foregoing indemnity provision; however, the collateral obligation of insuring this indemnity must be complied with as set forth.

## **Proposal Submission Form**

## 1. Vendor Information

Service provider/Company Name	
Corporate Address	
City/State/Zip	
Service provider Contact Name	
Service provider Contact Phone #	
Service provider Email Address	
E-Rate Service Provider Name	
E-Rate Service Provider ID (SPIN)	
Address of Mississippi Office	
City/State/Zip	
24hr Toll-Free Help Desk Number	

## FOR THE FOLLOWING WORKSHEETS, SERVICE PROVIDERS MUST COMPLETE ALL OF THE VARIOUS OPTIONS.

All Submissions must contain two (2) copies of all following worksheets and requested information including any supporting documentation.

- 1. Disaster Recovery Plan to Restore Connectivity to Schools
- 2. Proposed Network Design
- 3. Proposed Service Level Agreement (SLA) to handle service credits for downtime
- 4. Details of after-hours support system
- 5. Details of proposed leased fiber (fiber type, etc.)
- 6. Two (2) References for similar installations as described in the specifications

#### WORKSHEETS FOR CONNECTIONS

## 7. Construction Cost (If Applicable)

## A. Construction from District Office to Campuses (If Applicable)

Qty	Site	One time cost
1	Construction Costs from District Office to Lower Elementary Property Edge	
1	Construction Costs from District Office to Upper Elementary Property Edge	
1	Construction Costs from District Office to Middle School Property Edge	
1	Construction Costs from District Office to High School Property Edge	
1	Construction Costs from District Office to District Office Property Edge	
	Total Construction Cost from District to Campuses	

Qty	Site	One Time Cost
1	Construction Costs from property edge to Demarcation Point at Lower Elementary	
1	Construction Costs from property edge to Demarcation Point at Upper Elementary	
1	Construction Costs from property edge to Demarcation Point at Middle School	
1	Construction Costs from property edge to Demarcation Point at High School	
1	Construction Costs from property edge to Demarcation Point at District Office	
	Total Construction Cost from Campus Edge to Demarcation	

## C. Total Construction Cost (If Applicable)

Total Construction Cost from District to Campuses (from "A" above)	
Total Construction Cost from Campus Edge to Demarcation (from "B" above)	
Total Construction (add two lines above)	

## WORKSHEETS FOR MONTHLY SERVICE/LEASE

## 8. Initial / One Time Setup Charges (If Applicable)

Qty	Site	
1	Initial/One Time Setup Charge for Lower Elementary Site	
1	Initial/One Time Setup Charge for Upper Elementary Site	
1	Initial/One Time Setup Charge for Middle School Site	
1	Initial/One Time Setup Charge for High School Site	
	Total Initial/One Time Setup Charges	

## 9. Monthly Service/Lease Pricing

Qty	Site	
1	Monthly Lease Cost for Lower Elementary Site	
1	Monthly Lease Cost for Upper Elementary Site	
1	Monthly Lease Cost for Middle School Site	
1	Monthly Lease Cost for High School Site	
	Total Monthly Lease Cost	

## Similar Project Examples and References

Name of Client / Company	
Contact Name	
Contact Phone Number	
Contact Email Address	
Description of project	

Name of Client / Company	
Contact Name	
Contact Phone Number	
Contact Email Address	
Description of project	