



ALEDO ISD BOARD MEETING TEMPLATE

MEETING DATE: July 20, 2020

AGENDA ITEM: Consider Approval of FIBER11 Internal Connectivity Service Agreements between Education Service Center Region 11 and Aledo ISD for Elementary School No. 6 and Middle School No. 2

PRESENTER: Earl Husfeld, Chief Financial Officer and Brooks Moore, Director of Technology

BACKGROUND INFORMATION:

- As you are aware, Elementary School No. 6 and Middle School No. 2 construction projects are included in the 2019 Bond Program.
- Similar to all other campuses in the District, when these new campuses open, a permanent, fiber optic connection from the District's network operations center (NOC) to each new campus will be required.
- In January 2018, the Board of Trustees approved the District's participation in the Fiber Infrastructure for Broadband Enhancement in Region 11 (FIBER11) consortium.
- This consortium is comprised of districts within Region 11 and provides for an average consortium e-rate discount of 90% rather than Aledo ISD's normal e-rate discount of 50%.
- This increased e-rate discount results in a savings of \$51,842 on the Elementary School No. 6 fiber project and a savings of \$44,042 on the Middle School No. 2 fiber project.
- The Administration is requesting the Board of Trustees' consideration of these agreements at this time to ensure timely scheduling and completion of these fiber projects prior to the opening of each campus. Billing will not occur until completion of each project.

FISCAL INFORMATION:

The FIBER11 cost of \$77,762 to connect Elementary School No. 6 to the NOC will be paid from 2019 Bond Program funds for Elementary School No. 6. The FIBER11 cost of \$66,062 to connect Middle School No. 2 to the NOC will be paid from 2019 Bond Program funds for Middle School No. 2.

ATTACHMENTS:

FIBER11 Internal Connectivity Service Agreements between Education Service Center Region 11 and Aledo ISD for Elementary School No. 6 and Middle School No. 2.

ADMINISTRATIVE RECOMMENDATION:

The Administration recommends the Board of Trustees approve the FIBER11 Internal Connectivity Service Agreements between Education Service Center Region 11 and the Aledo ISD as presented and authorize the Superintendent to execute said agreements.

FIBER11 Internal Connectivity Service Agreement

Education Service Center Region 11 and Aledo ISD

I.

PURPOSE OF THE FIBER11 NETWORK

Fiber Infrastructure for Broadband Enhancement in Region 11 (FIBER11) is an enhanced K-12 region-wide broadband infrastructure created to promote educational excellence in instruction, services and resources through a collaborative partnership of School Districts, in a way that:

- Creates a region-wide K-12 consortium to gain a competitive price advantage on FIBER11 infrastructure
- Provides an equitable financial model for each school district based on an average consortium E-rate discount
- Grants access to a high-speed region-wide network of school districts with the ability to form partnerships, such as disaster recovery connectivity, equipment colocation, etc.
- Establishes a dedicated fiber network allowing districts the flexibility to easily maintain and/or increase capacity

So that districts will increase collaboration and credibility to provide improved, quality services to their campuses through an economical and efficient infrastructure resulting in the highest achievable bandwidth at the lowest cost for unlimited teaching and learning potential far into the future.

II.

BENEFITS

FIBER11 is a large-scale broadband dark fiber network among the districts within Region 11.

The benefits provided by FIBER11 are:

- 100 Gigabit backbone network between FIBER11 hub sites
- 10 Gigabit network among the connected edge sites
- Allows bandwidth flexibility such that a district can exceed their subscribed services within a reasonable limit without penalty
- Opportunity to participate in shared network services (e.g., internet access, disaster recovery, shared application environment, etc.)
- Provides opportunity for special construction for internal district connectivity

III. TERMS OF AGREEMENT

A. Term

This agreement is effective September 1 of each year (unless otherwise agreed upon), and shall be renewed annually unless either party gives no less than ninety (90) days prior written notice of termination.

Changes to the level of service provided to School District under this agreement may be made throughout the year at the School District’s request. Any change in level of service that creates a negative financial impact on the Internal Connectivity Service Agreement may result in the School District being assessed additional charges.

B. Termination

This Agreement is in effect for the entire fiscal year (September 1 through August 31, unless otherwise agreed upon) and may be terminated for the following year by giving no less than ninety (90) days’ notice prior to the agreement end date of any year.

In the event of a default of this Agreement, a School District may terminate this Agreement at any time after providing ESC Region 11 with written notice of the default and a thirty-day opportunity to cure the default.

C. Pricing and Payment

FIBER11 pricing is based on the current contract for fiber services within the following guidelines:

- Prices are already E-rate discounted as shown in the table below.
- There is no additional “installation” cost.
- Payments are due within 30 days of receipt of invoice.
- Payments can be made on an annual or quarterly basis.
- The current pricing is good for up to 84 connections on a first-come, first-serve basis for consortium members.
- The current contract will support the 121 connections on a first-come, first-serve basis for consortium members.

Type of Charge	Standard Cost(s)	Frequency
Construction Fee (within the first 84 circuits)	\$50,000 per Circuit	One-Time
Construction Fee (after 84 and within 121 circuits)	\$100,000 per Circuit	One-Time
Postal Construction Fee	\$10,000 per Mile (1 Mile Min.)	One-Time
Monthly Maintenance (billed upon installation)	\$200 per Circuit AND/OR \$100 per Postal Rate Mile	Monthly

IV. DUTIES AND RESPONSIBILITIES

A. ESC Region 11 Duties and Responsibilities

- Provide adequate staff necessary for efficient operation of the FIBER11 network.
- Implement and provide 24x7x365 support and management of the network to include:
 - Operate and maintain the FIBER11 routers and dark fiber network.
 - Provide alerts concerning network maintenance and/or unplanned outages.
 - Notification will be given according to current Service Level Agreement terms.
 - Affected School District will be notified via email of any emergency network impairments as soon as the problem is determined.
- Troubleshoot to the point of demarcation:
 - Proactively monitor and report the use of services to ensure usage is within the terms of the agreement.
 - ESC Region 11 will provide hard-copy reports summarizing School District usage upon request.
 - Provide technical assistance to School District for FIBER11 connectivity.
- Utilize the competitive bidding process to procure the most economical resources for the network.

B. School District Duties and Responsibilities

- Provide a 24 x 7 technical contact that can respond immediately to problems affecting the FIBER11 Network.
- Serve as the point of contact for campuses connected to the FIBER11 network.
- Make payments within 30 days of receipt of correct invoice.

**V.
SUBSCRIPTION DETAILS AND SIGNATURES**

Subscribed Services and Agreement Duration

Service Start Date	<u>07-01-2021</u>
Service End Date	<u>06-30-2024</u>
Service Address #1	<u>117 Vernon Rd, Aledo, TX 76008</u>
Service Address #2	<u>2533 W FM 5, Aledo, TX 76008</u>
Total Construction Fee	<u>\$ 77,762</u>
Monthly Maintenance Fee	<u>\$ 100</u>

By signing below, I acknowledge that I have read the Internal Connectivity Service Agreement, I accept this Agreement, and that I am authorized to sign on behalf of the LEA.

Authorized District Representative _____
Signature

Printed Name Dr. Susan K. Bohn _____
Date July 20, 2020

ESC Region 11 Executive Director _____
Signature

Dr. Clyde Steelman

Date

ESC Region 11 Deputy Executive Director _____
Signature

Mr. Rory Peacock

Date

FIBER11 Internal Connectivity Service Agreement

Education Service Center Region 11 and Aledo ISD

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Service Address #1	<u>117 Vernon Rd, Aledo, TX 76008</u>
Service Address #2	<u>32.747889, -97.581361 (Middle School 2)</u>
Total Construction Fee	<u>\$ 66,062</u>
Monthly Maintenance Fee	<u>\$ 100</u>

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