



## Description of Services Ordered and Certification Form 471

### FCC Form 471

#### Application Information

**Nickname** STEM **Application Number** 171008441  
**Funding Year** 2017 **Category of Service** Category 1

#### Billed Entity

Science Technology Engineering and Math (STEM)  
School  
8773 RIDGELINE BLVD HIGHLANDS RANCH CO  
80129 - 2381  
303-683-7836 x 8  
mike.pritchard@stemhigh.org

#### Contact Information

Mike Pritchard  
303-683-7836  
mike.pritchard@stemhigh.org

**Billed Entity Number** 17006236  
**FCC Registration Number** 0025406448  
**Applicant Type** School

**Holiday/Summer Contact Information** Mike Pritchard mike.pritchard@stemhigh.org 303-683-7836 ext 8 Kathy Falter  
kathy.falter@stemhigh.org 303-683-7836 ext 7 303-517-4345 cell

#### Consulting Firms

Name	Consultant Registration Number	City	State	Zip Code	Phone Number	Email
Telecom Buyer	17007659	Castle Rock	CO	80108	866-663-6700	steve@telecombuyer.us

#### Entity Information

##### School Entity - Details

BEN	Name	Urban/ Rural	State LEA ID	State School ID	NCES Code	Alternative Discount	School Attributes	Endowment
17006236	Science Technology Engineering and Math (STEM) School	Urban	0900	5259		Survey	Public School; Charter School	None

##### School Entity - Discount Rate Calculation Details

BEN	Name	Urban/ Rural	Number of Students	Students Count Based on Estimate	CEP Percentage
17006236	Science Technology Engineering and Math (STEM) School	Urban	1259	No	

Related Entity Information

Discount Rate

School Enrollment	School NSLP Count	School NSLP Percentage	School Urban/Rural Status	Category One Discount Rate	Category Two Discount Rate	Voice Discount Rate
1249	60	5.0%	Urban	40%	40%	0%

## Funding Request for FRN #1799112471

Funding Request Nickname: Zayo

Service Type: Data Transmission and/or Internet Access

What is the FRN number from the previous year ? 1699089458

### Agreement Information - Contract

Contract Number 647324

Account Number 3034687836

Establishing FCC Form 470 160040106

Service Provider Zayo Group, LLC (SPN: 143023855)

Was an FCC Form 470 posted for the product and/or services you are requesting? Yes

Based on State Master Contract? No

Award Date April 28, 2016

Based on a multiple award schedule? No

How many bids were received for this contract? 2

Includes Voluntary Extensions? No

What is the service start date? July 01, 2017

Remaining Voluntary Extensions

Total Remaining Contract Length

What is the date your contract expires for the current term of the contract? May 02, 2021

Document Name	Document Description
Stem School and Academy Signed SOF 647324.pdf	48 month fiber connection at 1 Gbps

### Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative 1 Gbps fiber connection

Line Item # 1799112471.001

Product and Service Details

**Purpose**

Internet access service that includes a connection from any applicant site directly to the Internet Service Provider

**Function**

Fiber

**Type of Connection**

Ethernet

Bandwidth Speed

**Upload Speed**

1.0 Gbps

**Download Speed**

1.0 Gbps

**Burstable Speed**

1.2

Connection Information

**Does this include firewall services?**

No

**Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)?**

No

**Is this a direct connection to a single school, library or a NIF for Internet access?**

Yes

Cost Calculation for FRN Line Item # 1799112471.001

Monthly Cost	
Monthly Recurring Unit Cost	\$2,149.00
Monthly Recurring Unit Ineligible Costs	- \$0.00
Monthly Recurring Unit Eligible Costs	= \$2,149.00
Monthly Quantity	x 1
Total Monthly Eligible Recurring Costs	= \$2,149.00
Months of Service	x 12
Total Eligible Recurring Costs	= \$25,788.00

One-Time Cost	
One-time Unit Cost	\$0.00
One-time Ineligible Unit Costs	- \$0.00
One-time Eligible Unit Cost	= \$0.00
One-time Quantity	x 0
Total Eligible One-time Costs	= \$0.00
Summary	
Total Eligible Recurring Costs	\$25,788.00
Total Eligible One-time Costs	+ \$0.00
Pre-Discout Extended Eligible Line Item Cost	= \$25,788.00

Recipients of Services

BEN	Name
17006236	Science Technology Engineering and Math (STEM) School

FRN Calculation for FRN #1799112471

Monthly Charges	
Total Monthly Recurring Charges	\$2,149.00
Total Monthly Ineligible Charges	- \$0.00
Total Monthly Eligible Charges	= \$2,149.00
Total Number of Months of Service	x 12
Total Eligible Pre-Discount Recurring Charges	= \$25,788.00

One-Time Charges	
Total One-Time Charges	\$0.00
Total Ineligible One-Time Charges	- \$0.00
Total Eligible Pre-Discount One-Time Charges	= \$0.00

Total Requested Amount	
Total Eligible Pre-Discount Recurring Charges	\$25,788.00
Total Eligible Pre-Discount One-Time Charges	+ \$0.00
Total Pre-Discount Charges	= \$25,788.00
Discount Rate	40%
Funding Commitment Request	= \$10,315.20

Connectivity Questions

Per Entity Basis Questions

Entity Name Science Technology Engineering and Math (STEM) School Entity Number 17006236

What is the total bandwidth speed from this location (including non E-rate supported services)?

Download Speed 600.00 Download Speed Units Mbps

Upload Speed 600.00 Upload Speed Units Mbps

What is the predominant connection type coming to this location? Fiber How sufficient is the quality of the Wi-Fi at this location? Mostly

What are your biggest barriers to having a robust internal network in your classrooms at this location? No barriers If Other, please specify

Certifications

I certify that the entities listed in this application are eligible for support because they are schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7801(18) and (38), that do not operate as for-profit businesses and do not have endowments exceeding \$50 million. I certify that the entity I represent or the entities listed on this application have secured access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity, necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

Total Funding Summary

Below is a summary of the total line item costs on this FCC Form 471:

Summary	
Total funding year pre-discount eligible amount on this FCC Form 471	\$25,788.00
Total funding commitment request amount on this FCC Form 471	\$10,315.20
Total applicant non-discount share of the eligible amount	\$15,472.80
Total budgeted amount allocated to resources not eligible for E-rate support	\$15,472.80
Total amount necessary for the applicant to pay the non-discount share of eligible and any ineligible amounts	\$30,945.60
Are you receiving any of the funds directly from a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year?	No
Has a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds needed to pay your non-discounted share?	No

I certify an FCC Form 470 was posted and that any related RFP was made available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology goals. I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them. I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes, see 47 C.F.R. § 54.500 and will not be sold, resold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. § 54.513. Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, as prohibited by the Commission's rules at 47 C.F.R. § 54.503(d), other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services. I certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts or other legally binding agreements covering all of the services listed on this FCC Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities. I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to USAC.

I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.

I certify that if any of the Funding Requests on this FCC Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504.

**Notice**

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the application requirements for universal service discounts contained in 47 C.F.R. § 54.504. Schools and libraries must file this form themselves or as part of a consortium. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application for universal service discounts may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized. If you do not provide the information we request on the form, the FCC or the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq. Public reporting burden for this collection of information is estimated to average 4.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

**Authorized Person**

<b>Title:</b>	Director	<b>Name:</b>	Mike Pritchard
<b>Phone:</b>	303-683-7836	<b>Email:</b>	mike.pritchard@stemhigh.org
<b>Address:</b>	8773 S Ridge-line Blvd. Highlands Ranch CO 80139	<b>Employer:</b>	Mike Pritchard

**Certified Timestamp** 05-Jul-2017 10:29:17 EDT