



**March 16, 2017**

Marlene Dortch, Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Womble Bond Dickinson (US) LLP

1200 Nineteenth Street, NW  
Suite 500  
Washington, DC 20036

**Re: Notification of Ex Parte Presentation  
Ohio Information Technology Centers  
Modernizing the E-rate Program for Schools and Libraries – WC  
Docket No. 13-184  
Schools and Libraries Universal Service Support Mechanism – CC  
Docket No. 02-6**

t: 202.467.6900  
f: 202.467.6910

Dear Ms. Dortch:

Pursuant to §1.1206(b)(1) of the Commission's rules, we hereby submit this notice of an oral ex parte presentation made on March 14, 2018 by Rebecca Jacobs Goldman and Mark Palchick of Womble Bond Dickinson (US) LLP on behalf of the Ohio Information Technology Centers (the "Ohio ITCs") to staff of the Wireline Competition Bureau and members of the Chairman's and FCC Commissioners' offices, including:

Nirali Patel, Special Counsel  
Office of Chairman Pai

Claude Aiken, Wireline Legal Advisor  
Office of Commissioner Mignon L. Clyburn

Amy Bender, Wireline Legal Advisor  
Office of Commissioner Michael O'Rielly

Jamie Susskind, Chief of Staff and Legal Advisor  
Office of Commissioner Brendan Carr

Travis Litman, Chief of Staff and Senior Legal Advisor  
Office of Commissioner Jessica Rosenworcel

Wireline Competition Bureau  
Elizabeth Drogula, Deputy Division Chief  
D'Wana R. Terry, Associate Bureau Chief  
Brian P. Boyle, Attorney Advisor  
James A. Bachtell, Attorney Advisor  
Arielle Roth, Legal Advisory

The meetings were held to discuss the concerns raised by the Ohio ITCs over changes made to the instructions, filing guidelines, and definitions of permitted eligible services for the FCC Form 470 by the Universal Service Administrative Company ("USAC") for the FY2018 filing window.



The Ohio ITCs conveyed to the Commission that the changes have caused extensive confusion among E-rate applicants and service providers alike and could result in costly funding denials for schools and libraries.

The Ohio ITCs provided the Commission with a timeline showing that since at least FY2013, applicants seeking bids for service for basic conduit access to the Internet would seek such bids, on a platform neutral basis, utilizing the category of “Bundled Internet Access and Transport” on their Form 470. However, in August of 2017, without any formal guidance or notice and comment period from the Commission, USAC advised applicants that they could no longer select “Bundled Internet Access and Transport” if the applicant desired to seek bids for basic conduit access to the Internet provided over fiber. Rather, the applicant was required use “Lit Fiber Transport” if they were seeking a fiber option for their transport. The Ohio ITCs noted that since the guidance came from USAC alone, it could not be relied upon by applicants or service providers as the Commission has repeatedly stated that USAC guidance is non-binding, and that USAC guidance cannot be used to determine whether a service or product is eligible.<sup>1</sup> The prohibition on using “Bundled Internet Access and Transport” as a category of service, if a fiber option is being used, is also directly contrary to the express language of the Eligible services list for Funding Year 2018 which specifically provides:

**Basic conduit access** to the Internet is **eligible regardless of technology platform**. Access technologies include but are not limited to:

- Broadband over Power Lines (BPL)-enabled Internet access service
- Cable Modem
- Digital Subscriber Line (DSL)
- Fiber/Dark Fiber
- Satellite service
- Telephone dial-up
- T-1 lines
- Wireless” (**emphasis supplied**)

The Ohio ITCs also provided copies of the FCC’s Orders establishing the Eligible Services for funding years 2013 through 2018, examples of Form 470s from funding years 2013 through 2018, the August 2017 USAC Guidance, and the August 2017 USAC Drop-down menus options.<sup>2</sup>

The change in guidance has led to confusion among applicants about which categories of service to select on the Form 470 and confusion among service providers about how to respond to the bid requests. Applicants have been informally directed by USAC to seek bids for three types of service: “Bundled Internet Access and Transport”; “Lit Fiber Transport” and “Internet Access/ISP Only” to ensure

---

<sup>1</sup> See *Modernizing the E-rate Program for Schools and Libraries*, Order, 32 FCC Rcd 7414 (2017) which categorically states at Appendix B: “Additional guidance from USAC about the E-rate application process and about Eligible Services, including a glossary of terms, is available at USAC’s website at <http://www.usac.org/sl/>. The documents on USAC’s website are not incorporated by reference into the ESL and do not bind the Commission. **Thus, they will not be used to determine whether a service or product is eligible.** Applicants and service providers are free to refer to those documents, but just for informal guidance. This ESL applies to funding requests for Funding Year 2018” (**emphasis added**)

<sup>2</sup> Attached hereto as Attachment 1.



that they received bids to cover the desired services. The selection of three separate categories of service likewise caused confusion for service providers, who were not instructed on how to respond to the bids and whether their responding bids must breakdown costs between transport and Internet access. In some instances, confused applicants required service providers to break down costs for transport and Internet access fearing funding denial by USAC should the applicant accept a bid that bundled costs for Internet access and fiber transport.

During its meeting with members of the Wireline Competition Bureau, the Ohio ITCs were advised by the Bureau that it was aware of the problem, but that applicants could always file appeals if they were incorrectly denied funding. The Ohio ITCs pointed out that the appeal process was time consuming and costly for billed entities and often resulted in schools and libraries paying for the service directly while waiting for the appeal. The Ohio ITCs also received clarification from the Bureau that both fiber transport and Internet access could be bid under the single category of "Lit Fiber Transport," as they had been previously under the category of "Bundled Internet Access and Transport."

In light of the confusion caused by the non-binding guidance and changes to the Form 470 process by USAC, the Ohio ITCs requested that the Bureau: (1) provide a formal clarification regarding the changes to the Form 470 drop down menus, and service categories; (2) allow applicants to amend submitted Forms 471; (3) direct USAC to extend the closing date of the Form 471 filing window to allow applicants to enter into agreements reflecting the correct category of service.

Sincerely,

**Womble Bond Dickinson (US) LLP**

A handwritten signature in black ink, appearing to read "Rebecca Jacobs Goldman", written in a cursive style.

Rebecca Jacobs Goldman  
Counsel for Ohio ITCs

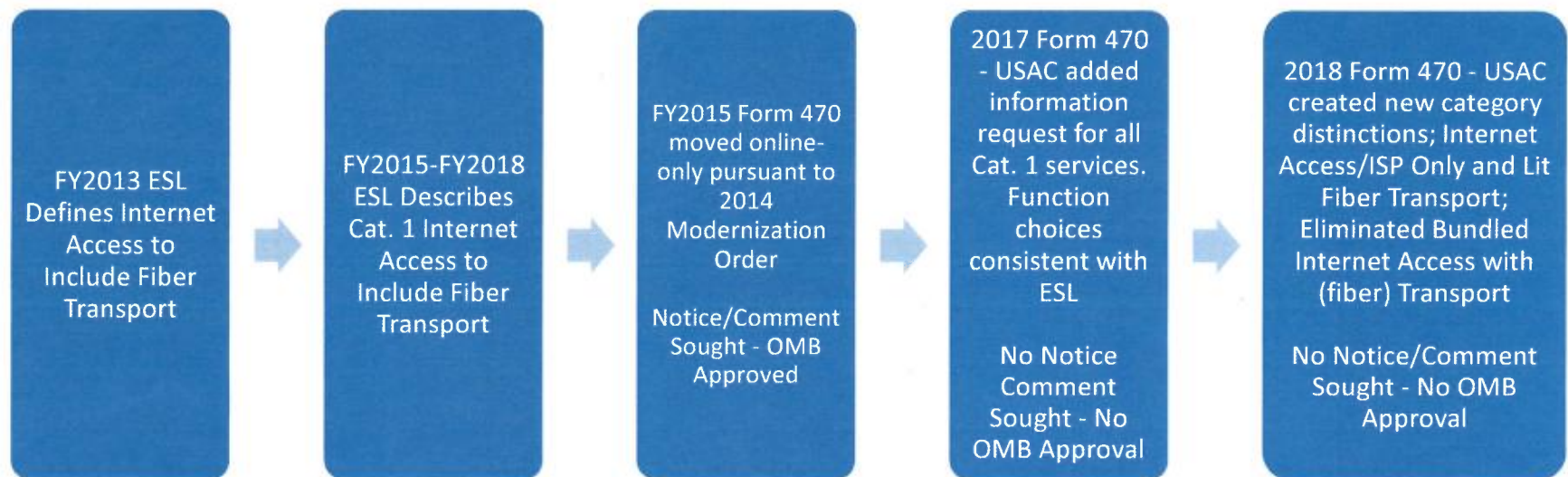
Enclosure

# **ATTACHMENT 1**



# **TIMELINE - FORM 470/CATEGORY CHANGES**

## **Bundled Internet Access and Transport**



# **TIMELINE – FORM 470/Category Changes**

## **Bundled Internet Access and Transport**

### **TABLE OF CONTENTS**

<b><u>§54.5 – Terms and Definitions – FCC Definition of “Internet Access”</u></b> .....	Tab 1
<b>FCC Modernization Order Excerpts – 2013-2018 – Eligible Services/ Bundled Internet Access and 2013-2018 USAC Electronic Form 470s (w/Additional Guidance)</b>	
<b><u>FCC Modernization Order 2013</u></b> .....	Tab 2
<b><u>Form 470 - 2013</u></b> .....	Tab 3
<b><u>FCC Modernization Order 2014</u></b> .....	Tab 4
<b><u>Form 470 - 2014</u></b> .....	Tab 5
<b><u>FCC Modernization Order 2015</u></b> .....	Tab 6
<b><u>Form 470 - 2015</u></b> .....	Tab 7
<b><u>FCC Modernization Order 2016</u></b> .....	Tab 8
<b><u>Form 470 - 2016</u></b> .....	Tab 9
<b><u>FCC Modernization Order 2017</u></b> .....	Tab 10
<b><u>Form 470 - 2017</u></b> .....	Tab 11
<b><u>FCC Modernization Order 2018</u></b> .....	Tab 12
<b><u>2018 USAC Form 470 Guidance</u></b> .....	Tab 13
<b><u>“Simplified Drop-down Options for Eligible Services – FY 2018 Form 270”</u></b> .....	Tab 14
<b><u>Form 470 - 2018</u></b> .....	Tab 15

**TAB 1**

Communications Rules

TITLE 47—Telecommunication

PART 54—UNIVERSAL SERVICE

SUBPART A—General Information

**§ 54.5 Terms and definitions.**

Terms used in this part have the following meanings:

*Act.* The term “Act” refers to the Communications Act of 1934, as amended.

*Administrator.* The term “Administrator” shall refer to the Universal Service Administrative Company that is an independent subsidiary of the National Exchange Carrier Association, Inc., and that has been appointed the permanent Administrator of the federal universal service support mechanisms.

*Community anchor institutions.* For the purpose of high-cost support, “community anchor institutions” refers to schools, libraries, health care providers, community colleges, other institutions of higher education, and other community support organizations and entities.

*Competitive eligible telecommunications carrier.* A “competitive eligible telecommunications carrier” is a carrier that meets the definition of an “eligible telecommunications carrier” below and does not meet the definition of an “incumbent local exchange carrier” in § 51.5 of this chapter.

*Contributor.* The term “contributor” shall refer to an entity required to contribute to the universal service support mechanisms pursuant to § 54.706.

*Eligible telecommunications carrier.* “Eligible telecommunications carrier” means a carrier designated as such under subpart C of this part.

*High-cost support.* “High-cost support” refers to those support mechanisms in existence as of October 1, 2011, specifically, high-cost loop support, safety net additive and safety valve provided pursuant to subpart F of part 36, local switching support pursuant to § 54.301, forward-looking support pursuant to § 54.309, interstate access support pursuant to § 54.800 through 54.809, and interstate common line support pursuant to § 54.901 through 54.904, support provided pursuant to § 51.915, 51.917, and 54.304, support provided to competitive eligible telecommunications carriers as set forth in § 54.307(e), Connect America Fund support provided pursuant to § 54.312, and Mobility Fund support provided pursuant to subpart L of this part.

*Incumbent local exchange carrier.* “Incumbent local exchange carrier” or “ILEC” has the same meaning as that term is defined in § 51.5 of this chapter.

*Information service.* “Information service” is the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service.

*Interconnected VoIP Provider.* An “interconnected VoIP provider” is an entity that provides interconnected VoIP service, as that term is defined in section 9.3 of these rules.

*Internet access.* “Internet access” includes the following elements:

- (1) The transmission of information as common carriage;
- (2) The transmission of information as part of a gateway to an information service, when that transmission does not involve the generation or alteration of the content of information, but may include data transmission, address translation, protocol conversion, billing management, introductory information content, and navigational systems that enable users to access information services, and that do not affect the presentation of such information to users; and
- (3) Electronic mail services (email).

*Interstate telecommunication.* "Interstate telecommunication" is a communication or transmission:

- (1) From any State, Territory, or possession of the United States (other than the Canal zone), or the District of Columbia, to any other State, Territory, or possession of the United States (other than the Canal Zone), or the District of Columbia,
- (2) From or to the United States to or from the Canal Zone, insofar as such communication or transmission takes place within the United States, or
- (3) Between points within the United States but through a foreign country.

*Interstate transmission.* "Interstate transmission" is the same as interstate telecommunication.

*Intrastate telecommunication.* "Intrastate telecommunication" is a communication or transmission from within any State, Territory, or possession of the United States, or the District of Columbia to a location within that same State, Territory, or possession of the United States, or the District of Columbia.

*Intrastate transmission.* "Intrastate transmission" is the same as intrastate telecommunication.

*LAN.* "LAN" is a local area network, which is a set of high-speed links connecting devices, generally computers, on a single shared medium, usually on the user's premises.

*Qualifying competitor.* A "qualifying competitor" is a facilities-based terrestrial provider of residential fixed voice and broadband service access meeting or exceeding 3 Mbps downstream and 768 kbps upstream.

*Rate-of-return carrier.* "Rate-of-return carrier" shall refer to any incumbent local exchange carrier not subject to price cap regulation as that term is defined in § 61.3(ee) of this chapter.

*Rural telephone company.* "Rural telephone company" has the same meaning as that term is defined in § 51.5 of this chapter.

*State commission.* The term "state commission" means the commission, board or official (by whatever name designated) that, under the laws of any state, has regulatory jurisdiction with respect to intrastate operations of carriers.

*Technically feasible.* "Technically feasible" means capable of accomplishment as evidenced by prior success under similar circumstances. For example, preexisting access at a particular point evidences the technical feasibility of access at substantially similar points. A determination of technical feasibility does not consider economic, accounting, billing, space or site except that space and site may be considered if there is no possibility of expanding available space.

*Telecommunications.* "Telecommunications" is the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received.

*Telecommunications carrier.* A “telecommunications carrier” is any provider of telecommunications services, except that such term does not include aggregators of telecommunications services as defined in section 226 of the Act. A telecommunications carrier shall be treated as a common carrier under the Act only to the extent that it is engaged in providing telecommunications services, except that the Commission shall determine whether the provision of fixed and mobile satellite service shall be treated as common carriage. This definition includes cellular mobile radio service (CMRS) providers, interexchange carriers (IXCs) and, to the extent they are acting as telecommunications carriers, companies that provide both telecommunications and information services. Private mobile radio service (PMRS) providers are telecommunications carriers to the extent they provide domestic or international telecommunications for a fee directly to the public.

*Telecommunications channel.* “Telecommunications channel” means a telephone line, or, in the case of wireless communications, a transmittal line or cell site.

*Telecommunications service.* “Telecommunications service” is the offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used.

*Tribal lands.* For the purposes of high-cost support, “Tribal lands” include any federally recognized Indian tribe’s reservation, pueblo or colony, including former reservations in Oklahoma, Alaska Native regions established pursuant to the Alaska Native Claims Settlement Act (85 Stat. 688) and Indian Allotments, see § 54.400(e), as well as Hawaiian Home Lands—areas held in trust for native Hawaiians by the state of Hawaii, pursuant to the Hawaiian Homes Commission Act, 1920, July 9, 1921, 42 Stat 108, et seq., as amended.

*Unsubsidized competitor.* An “unsubsidized competitor” is a facilities-based provider of residential fixed voice and broadband service that does not receive high-cost support.

*Website.* The term “website” shall refer to any websites operated by the Administrator in connection with the schools and libraries support mechanism, the rural health care support mechanism, the high cost mechanism, and the low income mechanism.

*Wire center.* A wire center is the location of a local switching facility containing one or more central offices, as defined in the Appendix to part 36 of this chapter. The wire center boundaries define the area in which all customers served by a given wire center are located.

**Effective Date Note:** At 71 FR page 38796, July 10, 2006, § 54.5 was amended by revising the definition of “contributor” and adding the definition of “interconnected VoIP provider” in alphabetical order. This text contains information collection and recordkeeping requirements and will not become effective until approval has been given by the Office of Management and Budget.

### Historical Note

Definition of “Administrator” amended and “Contributor”, “High Cost and Low Income Committee”, “Rural Health Care Corporation” and “Schools and Libraries Corporation” added by order (FCC 97-253) in Docket Nos. 96-45 and 97-21, effective August 1, 1997, 62 FR 41294. For Report and Second Order on Reconsideration see 8 CR 981.

Definitions of “High Cost and Low Income Committee”, “Rural Health Care Corporation”, and “Schools and Libraries Corporation” deleted, “Administrator” amended, and “Website” added by order (FCC 98-306) in Docket Nos. 96-45 and 97-21, effective January 1, 1999, 63 FR 70564. For Eighth Order on Reconsideration, Third Report and Fourth Order on Reconsideration see 14 CR 232.

Definition of "Wire center" added by order (FCC 99-306) in Docket No. 96-45, effective December 1, 1999, 64 FR 67416. For Ninth Report and Eighteenth Order on Reconsideration see 18 CR 710.

Definition of "Rural Incumbent Local Exchange Carrier" added by order (FCC 01-157) in Docket Nos. 96-45 and 00-256, effective June 5, 2001, 66 FR 30080. For Fourteenth Report, Twenty-Second Order on Reconsideration and Report see 23 CR 1338.

Definition of "Rate-of-Return Carrier" added by order (FCC 01-304) in Docket Nos. 96-45, 98-77, 98-166 and 00-256, effective December 31, 2001, 66 FR 59719. For Second Report see 25 CR 1.

Definition of "Rural area" amended by order (FCC 04-289) in Docket No. 02-60, effective April 8, 2005, 70 FR 6365. For Second Report and Order on Reconsideration see 34 CR 792.

Definition of "Contributor" amended and "Interconnected VoIP Provider" added by order (FCC 06-94) in Docket Nos. 96-45 and 04-36, effective November 17, 2010, 71 FR 38781, 75 FR 71049. For Report see 38 CR 1013.

Definitions of "Community anchor institutions," "High-cost support," "Tribal lands" and "Unsubsidized competitor" added and "Rate-of-return carrier" amended by order (FCC 11-161) in Docket Nos. 10-90, 07-135, 05-337, 03-109, 09-51, 01-92, 96-45 and 10-208, effective December 29, 2011, 76 FR 73830. For Report see 54 CR 637.

Definition of "Eligible telecommunications carrier" amended by order (FCC 12-11) in Docket Nos. 96-45, 03-109, 11-42, and 12-23, effective April 2, 2012, 77 FR 12952. For Report see 55 CR 471.

Definition of "Rate-of-return carrier" amended by Order (DA 12-298) in Docket Nos. 10-90, 07-135, 05-337, 03-109, 09-51, 01-92, 96-45 and 10-208, effective May 7, 2012, 77 FR 20551. For Order see 55 CR 684.

Definition of "Tribal lands" amended by order (FCC 12-52) in Docket Nos. 10-90, 07-135, 05-337, 03-109, 09-51, 01-92, 96-45 and 10-208, effective June 24, 2012, 77 FR 30904. For Third Order on Reconsideration see 56 CR 3.

Definition of "Rural area" amended by order (FCC 12-150) in Docket No. 02-60, effective April 1, 2013, 78 FR 13935. For Report see 57 CR 435.

Definition of "Internet access" amended by order (FCC 14-99) in Docket No. 13-184, effective November 18, 2014 and July 1, 2015, 79 FR 49160, 79 FR 68632. For Report see 60 CR 1495.

Definition of "Qualifying competitor" added by order (FCC 14-190) in Docket Nos. 14-192, 14-58 and 10-90, effective February 26, 2015, 80 FR 4446. For Report see 61 CR 1009.

Definition of "Rural area" deleted by order (FCC 14-189) in Docket Nos. 13-184 and 10-90, effective March 6, 2015, 80 FR 5961. For Second Report and Order on Reconsideration see 61 CR 1081.

WBD (US) 42373273v1

## **TAB 2**



Source: Communications Cases > Federal Communications Commission > Schools and Libraries  
Universal Service Support Mechanism (FCC 2012)

## **Schools and Libraries Universal Service Support Mechanism (FCC 2012)**

27 FCC Rcd 11348

Schools and Libraries Universal Service Support Mechanism

DA 12-1553

Federal Communications Commission

CC Docket No. 02-6

GN Docket No. 09-51

September 27, 2012

Schools and Libraries Universal Service Support Mechanism

A National Broadband Plan for Our Future

### **Opinion**

### **Report and Order**

**Adopted: September 27, 2012**

**Released: September 27, 2012**

By the Chief, Wireline Competition Bureau:

### **I. Introduction**

1. In this order, we release the **Eligible Services** list (ESL) for funding year 2013 for the schools and libraries universal service support program (more commonly referred to as the E-rate program)<sup>1</sup> and authorize the Universal Service Administrative Company (USAC) to open the annual application filing window no earlier than November 26, 2012.<sup>2</sup> We revise the ESL for funding year 2013 by consolidating all Priority One services into a single list to reduce regulatory and administrative burdens on applicants. We also make some other minor modifications to the ESL.

---

<sup>1</sup> See *Eligible Services List for Funding Year 2013* (rel. Sept. 27, 2012) (2013 ESL) (Appendix B). The ESL specifies the services and products that are eligible for E-rate discounts.

<sup>2</sup> 47 C.F.R. § 54.502(b).

### **II. Background**

2. Section 254 of the Act gives the Commission authority to designate "telecommunications services" and additional services as eligible for support under the E-rate program.<sup>3</sup> In the *Universal Service First Report and Order*, the Commission designated all commercially available telecommunications services as services eligible for support (or discounts) under the E-rate program.<sup>4</sup> In the same decision, the Commission concluded that it would provide E-rate support for additional, non-telecommunications services, particularly Internet access, email, and internal connections, provided by both

1. AT&T Services, Inc.
2. Edline, LLC
3. E-Rate Provider Services, LLC
4. Funds for Learning, LLC
5. Jason Lawrence
6. Jive Communications, Inc.
7. Kellogg & Sovereign Consulting, LLC
8. NetDiverse, LLC
9. State E-rate Coordinators' Alliance

#### **Reply Commenters**

1. AT&T Services, Inc.
2. Montgomery County Public Schools
3. Sprint Nextel Corporation
4. The Quilt

#### **Appendix B**

#### **Eligible Services List for Funding Year 2013**

*(view as .pdf document released with this Report and Order)*

#### **Schools and Libraries Universal Service Support Mechanism**

#### **Eligible Services List**

**CC Docket No. 02-6; GN Docket No. 09-51**

***Released: September 27, 2012***

The Federal Communications Commission's rules provide that all services that are eligible for to receive discounts under the Schools and Libraries Universal Service Support Mechanism (otherwise known as the E-rate program or "E-rate") are listed in this Eligible Services List (ESL). The E-rate program is administered by the Universal Service Administrative Company (USAC).

#### ***Background:***

The E-rate program provides eligible schools and libraries discounts for Eligible Services and products. Consistent with prior years, in each category the ESL first lists the services and products that are eligible for funding, and then lists the services and products that are not eligible for funding. Under the E-rate program, E-rate funds are allocated according to rules of priority, with first priority given to requests for telecommunications services, telecommunications, and Internet access services; these services are listed

in the "Priority One" section of the ESL. The remaining available funds are allocated to requests for support for internal connections and basic maintenance of internal connections; these services are listed in the "Priority Two" section of this ESL. There is also a Miscellaneous section, and at the end of this ESL, a Special Eligibility Conditions section and a Glossary, providing additional information and definitions for many of the terms used herein.

Note on FCC Form 471. For Block 5 of the FCC Form 471, for Priority One services, applicants must indicate the services they select as a Priority One Telecommunications Service or Priority One Internet Access. The applicant may select one or the other category depending on the provider of the service (*i.e.*, if the service is one that could be requested as a telecommunications service or Internet access, but the applicant checks "Telecommunications Services" on Block 5, the service needs to be provided by a "telecommunications carrier" (see "Special Regulatory Requirements" in the Special Eligibility Conditions section below)). After an applicant has complied with E-rate competitive bidding requirements and selected its vendors, it may consult with each vendor about which service category in Block 5 of the FCC Form 471 the applicant should use in describing the service the vendor will be providing. See also "Administrative Convenience" below for additional information regarding combined service offerings.

Administrative Convenience. Some service offerings provide a combination of both Internet access and telecommunications services, which are both Priority One services. For example, a service provider may offer local phone service, long distance service, and Internet access for one price. For administrative convenience, such a combined offering, if provided by a telecommunications carrier, may be requested in the telecommunications services category of service on the FCC Form 471. Alternatively, funding may be requested as two separate requests, with the price of the offering appropriately allocated between the telecommunications services and Internet access categories.

CIPA Reminder. The funding of Internet access in the telecommunications services category *does not* relieve applicants of complying with the requirements of the Children's Internet Protection Act (CIPA) if the service request includes Internet access.

Additional information about eligibility requirements is available at USAC's website at <http://www.usac.org/sl/>, the reference area of the USAC website at <http://www.usac.org/sl/tools/reference-area.aspx>, and in Schools and Libraries News-briefs available at <http://www.usac.org/sl/tools/news-briefs/Default.aspx>. These documents are not incorporated by reference into the Eligible Services List.

This List, dated **September 27, 2012** may represent a change from prior funding years and applies to funding requests for Funding Year 2013.

Priority One	
This section lists the Priority One telecommunications services, telecommunications, and Internet access services for which E-rate applicants may seek discounts.	
Support is also available for maintenance and technical support appropriate to maintain reliable operation when provided as a component of these services. Please see the <u>Miscellaneous</u> section of this document for additional entries applicable to these services, such as charges for installation and configuration.	
Function	Description
Digital Transmission Services	Digital transmission services provide transmission from an eligible school or library facility to other locations beyond the school or library. Such services generally refer to data links that connect multiple points using any available technology. An eligible digital transmission service may be used to connect an eligible

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

	<p>location to the Internet or <u>Internet2</u>. Digital transmission services used to link local networks are commonly called "wide area networks" (<u>WANs</u>).</p> <p>Eligible digital transmission technologies include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• <u>Asynchronous Transfer Mode (ATM)</u></li> <li>• <u>Broadband over Power Lines (BPL)</u></li> <li>• <u>Digital Subscriber Line (DSL)</u></li> <li>• <u>DS-1, DS-3</u></li> <li>• <u>Ethernet</u></li> <li>• <u>Fiber</u></li> <li>• <u>Frame Relay</u></li> <li>• <u>Integrated Services Digital Network (ISDN, BRI, PRI)</u></li> <li>• <u>OC-1, OC-3, OC-12, OC-n</u></li> <li>• <u>Satellite service</u></li> <li>• <u>Switched Multimegabit Data Service (SMDS)</u></li> <li>• <u>T-1, T-3, Fractional T-1</u></li> <li>• <u>Wireless</u></li> </ul> <p>Components required as an integral part of a digital transmission service are eligible for discount, such as:</p> <ul style="list-style-type: none"> <li>• costs of a <u>permanent virtual circuit (PVC)</u></li> <li>• costs of <u>trunk lines</u></li> <li>• reasonable installation costs</li> </ul> <p>-The telecommunications component of:</p> <ul style="list-style-type: none"> <li>• a distance learning capability</li> <li>• video, or</li> <li>• interactive television, is eligible for discount.</li> </ul> <p>In addition, the telecommunications component of voice or video <u>conferencing services</u> that provide a means for multiple users to participate in group discussions may be eligible if the services are limited only to eligible educational or library purposes.</p>
<b>E-mail Service</b>	<p><u>E-mail</u> service is eligible. E-mail service may be included in the cost of Internet access (listed above) or may be provided at a separate cost, either as a fixed charge and/or on a per-user or other basis.</p> <p>Some e-mail services may include substantial ineligible features, such as collaboration tools, and services to ineligible users. Funding is limited strictly to the eligible portion of an electronic mail service (<i>i.e.</i>, the part of the service that provides for the transmission of text messages and other information). <u>E-mail archiving</u> is not eligible for discount.</p>
<b>Fiber or Dark</b>	<p>Lit or dark fiber, provided by any entity, including a non-</p>

<b>Fiber</b>	<p>telecommunications carrier, is eligible. Dark fiber is eligible as long as applicants light the fiber immediately.</p> <p>Certain maintenance and installation costs are also eligible, including charges for installation of dark fiber within the property line. For leased lit fiber, all special construction charges are eligible. When lit fiber is leased as telecommunications, the modulating electronics included as part of that service is eligible as telecommunications.</p> <p>Applicants should apply for the fiber service as Internet access, if they select a non-telecommunications carrier to provide the fiber.</p> <p>Funding requests for fiber must be submitted in the <u>Internet Access</u> category of service if the service will not be provided by a telecommunications carrier.</p>
<b>Interconnected Voice Over Internet Protocol</b>	<p>Costs to subscribe to interconnected Voice Over Internet Protocol (VoIP) are generally eligible for E-rate discounts.</p>
<b>Internet Access</b>	<p>Support in this funding category is generally only available for basic conduit access to the Internet but is not available for content, equipment purchased by applicants, and services beyond basic conduit access to the Internet. Basic conduit access to the Internet may be used for access to Internet-based distance learning and video conferencing services. Basic conduit Access technologies include but are not limited to:</p> <ul style="list-style-type: none"> <li>• <u>Broadband over Power Lines (BPL)</u>-enabled Internet access service</li> <li>• <u>Cable Modem</u></li> <li>• <u>Digital Subscriber Line (DSL)</u></li> <li>• Fiber/Dark Fiber</li> <li>• <u>Satellite service</u></li> <li>• Telephone dial-up</li> <li>• <u>T-1 lines</u></li> <li>• Wireless (For more details see the entry for "Wireless Internet access")</li> </ul> <p>Eligible Internet access may include features typically provided for when provided as a standard component of a vendor's Internet access service. Such features may include: <u>Domain Name Service, Dynamic Host Configuration</u>, and basic <u>firewall</u> protection against unauthorized use and access. Firewall protection may not be provided by a vendor other than the Internet access provider and may not be priced out separately.</p>

	<p>A <u>Wide Area Network</u> can be eligible for funding as a part of Internet access if the service is limited to basic conduit access to the Internet.</p>
<b>Paging</b>	<p><u>Paging</u> services are eligible when integral, immediate, and proximate to the education of students.</p>
<b>Telephone Service</b>	<p>Costs to subscribe to a telephone service are generally eligible for discount, including the costs for the following telephone services:</p> <ul style="list-style-type: none"> <li>• <u>800 service</u>, e.g., a toll-free telephone number for students to contact school regarding questions about homework</li> <li>• <u>Centrex</u></li> <li>• <u>Local phone service</u></li> <li>• <u>Long distance telephone service</u></li> <li>• <u>POTS</u> ("Plain Old Telephone Service")</li> <li>• <u>Radio loop</u></li> <li>• <u>Satellite</u></li> <li>• <u>Wireless telephone services</u>, e.g., <u>cellular service</u> and Personal Communications Services (PCS)</li> <li>• See the Internet Access category for the eligibility of <u>Wireless Internet access</u>/e-mail plans for portable electronics</li> </ul> <p>Shared telephone service (only that portion of the shared service relating to the eligible use and location may receive discounts)</p> <p>Various payment options may be used with these Eligible Services, and phone bills may include billing terms, such as, <u>flat rate</u>, <u>local measured service</u>, and <u>message rate service</u>. <u>Phone calling cards</u> may also be eligible, if they are used for an educational purpose.</p> <p>Service to an eligible location for educational or library purposes can provide voice communication, fax connections, modem connections, <u>911</u> or an <u>alarm</u>.</p>
<b>Telephone Service Components</b>	<p>Telephone features indicated in this section are eligible for discount if they are a component part of a telephone service. Generally, this requirement means that these charges will appear on the same bill as the telephone service itself.</p> <ul style="list-style-type: none"> <li>• <u>900/976 Call blocking</u></li> <li>• <u>Text messaging</u></li> <li>• <u>Custom calling services</u></li> <li>• <u>Direct Inward Dialing (DID)</u></li> <li>• <u>Directory assistance charges</u></li> </ul> <p>An <u>inside wire maintenance plan</u> is eligible as a component</p>

	<p>part of a telephone service only if charges are minimal.</p>
<b>Voice Mail Service</b>	<p>A voice mail service is eligible.</p> <p>Voice mail equipment may be requested in the Internal Connections category of service, but funding is not available for end user products, such as answering machines.</p>
<b>Web Hosting</b>	<p>A <u>web hosting</u> service that provides a means for a school or library to maintain a website on the Internet is eligible. This will include storage, access, and website administration tools for the creation and maintenance of the website. In addition, web hosting may include password-protected pages, interactive communication features such as blogging and webmail, and other features that facilitate real-time interactive communication, such as instant messaging and chat.</p> <p>Note: <u>Domain name registration</u> is also eligible if it is necessary for the creation of a school or library website.</p>
<b>Wireless Internet Access</b>	<p>A wireless Internet access service is eligible under the same provisions as wired access to the Internet.</p> <p>A <u>wireless Internet access service</u> designed for portable electronic devices is eligible if used for educational purposes. Off-campus use must be removed by cost allocation. Applications (including GPS) for wireless devices are not eligible for discount. Service/Data charges dedicated solely to the provision of these applications are not eligible and require cost allocation.</p> <p><u>Mobile hotspot service</u> designed for portable electronics is eligible if used for educational purposes. Off-campus use must be removed by cost-allocation. Hardware costs of the mobile hotspot embedded in or connected to the end-user device are not eligible.</p>
NOT Eligible for E-rate Funding as a Priority One service	<p>The following charges are <b>NOT ELIGIBLE</b> for E-rate support:</p> <p><u>-End User Equipment.</u> Support is not available for end-user equipment.</p> <p><u>-Ineligible Fiber Costs.</u> Special construction charges to build out dark fiber connections from an applicant's facilities to an off-premises fiber network are NOT eligible. Special construction charges include design and engineering costs, project management costs, digging trenches and laying fiber.</p>

-Modulating Equipment. The purchase and ownership of modulating electronics associated with lighting dark fiber is NOT

eligible as Priority One telecommunications but if it is on premises, it may be eligible under the priority two internal connections category if it meets the definition of internal connections. Modulating electronics on applicant-leased dark fiber that is leaving the school premises is NOT eligible.

-Dark Fiber Warehousing. Applicants are also not permitted to use E-rate discounts to acquire unneeded capacity or warehouse dark fiber for future use.

-The non-telecommunications components of a distance learning service, video service, or interactive television service, such as a scheduling service or services for creation, maintenance, and storage of content are not eligible.

-Services that provide voice, video, or data connectivity exclusively within school or library grounds are not eligible for Priority One funding but may be eligible as Internal Connections

- Services to ineligible locations are not eligible.  
- Applications (including GPS) for wireless devices are not eligible for discount. Charges for services used solely for the provision of these applications are not eligible.

-Ineligible charges related to telephone service.

- End-user equipment
- 900/976 service
- Broadcast "Blast" Messaging
- Direct Broadcast and other services that provide broadcast content or cable television
- Directory advertising
- Extra costs for directory listings
- Payphone
- Reverse directory assistance
- Charges for creation, configuration, or maintenance of content
- Services that are not related to voice services, such as monitoring services for 911, or an alarm telephone line Telephone services that connect to a residential facility or home, except as allowed by the Commission in FCC 10-175 for the residential areas of residential schools that serve unique populations

-Ineligible charges related to Internet access.

- Internet access that provides features or content that go beyond basic conduit access to the Internet including



specialized services such as Virtual Private Network services

- Charges for creation, configuration, or maintenance of content
- Internet content or charges for the creation or display of information. Applicants may accept an Internet Access service with minimal content included if the content meets the limitations for Ancillary Use. (See Special Eligibility Conditions below for further information on Ancillary Use.)
- Online backup solutions
- Costs attributable to the creation or modification of information, or design such as a web site creation fee or content maintenance fees.
- Charges to access Internet content or limited-access information
- Charges for distance learning or video conferencing utilities, such as web meetings or online collaboration solutions, even if provided via the Internet
- Software, services, or systems used to create or edit Internet content
- Internet2 membership fees or dues
- Training regarding the use of the Internet
- Costs for training provided via the Internet
- Electronic library/on-line public access and associated software

Separate pricing for the following components when not included in the standard configuration of an Internet access service are also **NOT ELIGIBLE**:

- Caching
- Content filtering
- Web Casting

-Ineligible charges related to web hosting

- Costs attributable to the creation or modification of information, or design such as a web site creation fee or content maintenance fees.
- Content supplied as part of a web hosting service created by third-party vendors or the web hosting service provider itself and any features or software involving data input or retrieval other than the provision of applicant-created content for an educational purpose (e.g. teacher web pages or blogs).
- The parts of a web hosting service including, but not limited to, any portion of tools, capabilities or integration with other systems such as: Student Information Systems (SIS); databases; student attendance or grades or grade management; course scheduling; tests or testing systems;

	on-line/interactive education systems; and learning/education management systems. (An eligible web hosting service will also not include support for the applications necessary to run online classes or collaborative meetings).
--	---

## Priority Two: Internal Connections

### Eligibility Requirements for All Internal Connections:

Internal Connections are components located at the applicant site that are necessary to transport information to classrooms, publicly accessible rooms of a library, and to eligible administrative areas or buildings. Internal Connections include connections within, between or among instructional buildings that comprise a school campus or library branch, but do not include services that extend beyond the school campus or library branch.

Components at the applicant site are eligible only if they are an essential element in the transmission of information within the school or library. The components must be necessary to transport information to the individual classrooms or public areas of a library.

Internal Connections do not include services that extend across a public right-of-way beyond the school or library facility.

Funding for Internal Connections is subject to the provisions of the "Two-in-Five Rule."

Function	Description
Cabling/ Connectors	<p><u>Cabling, connectors</u>, and related components used for eligible voice, video, and data transmission within an eligible location are eligible for discount. Eligible components include:</p> <ul style="list-style-type: none"> <li>• Cable (e.g., copper, fiber, coax, twisted pair)</li> <li>• <u>Connectors</u></li> <li>• Jacks, panels, <u>faceplates</u> and <u>wire managers</u></li> <li>• <u>Conduit and raceway</u></li> <li>• Other cabling components necessary to transport information to the individual classrooms or public areas of a library.</li> </ul> <p>Consumable components are eligible only when included as part of the original installation of eligible components.</p> <p><u>Eligibility limitations</u> If cabling or cabling components are used for both eligible and ineligible purposes, the cost of the ineligible portion must be cost allocated.</p>
Circuit Cards/ Components	<p><u>Circuit cards</u> and related components, such as <u>memory modules/Random Access Memory (RAM)</u>, are eligible if they are necessary for adequate performance of an eligible component, for example, an eligible PBX, router, or server.</p> <p><u>Network interface cards</u> that are separately priced or used in eligible equipment are eligible.</p>

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

	<p>Processors and a <u>processor terminator card</u> are eligible if used in an eligible component.</p> <p><u>Phone modems</u> may be eligible if used with an eligible server or other eligible device for providing remote dial-in network access, if the remote access is limited to connections from eligible locations.</p>
Data Distribution	<p>Components used to transport information from telecommunication or Internet access facilities to the individual classrooms or public areas of a library are eligible.</p> <p>Such components may include:</p> <ul style="list-style-type: none"> <li>• <u>Access Points</u> used in a LAN environment</li> <li>• <u>Hubs</u></li> <li>• <u>Multiplexers</u> used as part of a LAN</li> <li>• <u>Network Switches</u> are eligible for discount when used for an eligible purpose.</li> <li>• <u>Routers</u> are eligible for a discount when used for an eligible purpose</li> <li>• <u>Wireless LAN Controllers</u></li> </ul> <p><u>Voice/Video over IP</u> components are eligible as Internal Connections.</p> <p>Components such as those indicated above are typically configured into a <u>local area network</u> or <u>wireless</u> area network.</p> <p>Some products may have modules or features that are not eligible, (e.g., content filtering, network management, and caching). If these ineligible components are available separately, or the applicant specifically seeks the ineligible functions, their cost must be subtracted from the amount eligible for discount.</p>
Data Protection	<p>Data protection components are used to ensure the continued operation of eligible equipment by protecting equipment and computer files from environmental or security hazards. The following components are eligible if used to provide basic and reasonable measures for data protection:</p> <ul style="list-style-type: none"> <li>• <u>Firewall</u></li> <li>• <u>Proxy Server</u></li> <li>• <u>Tape Backup</u> when used as part of an eligible server</li> <li>• <u>Virtual Private Network</u></li> <li>• <u>Tape backup</u> cartridge units are eligible when used as part of an eligible server. A cartridge included with a tape backup may be provided as an integral component of the backup unit, if the cartridge is part of the standard product configuration and provided at no additional cost.</li> </ul> <p>An <u>Uninterruptible Power Supply (UPS)/Battery Backup</u> that protects eligible equipment is eligible as a data protection</p>

	<p>component, but no funding will be provided for UPS systems that can provide continued backup power for substantial periods in excess of that necessary for basic power protection.</p> <p>The following components used for the reliable operation of a UPS are eligible:</p> <ul style="list-style-type: none"> <li>• <u>UPS Interface Expander</u></li> <li>• <u>Relay I/O Module</u></li> </ul>
Interfaces, Gateways, Antennas	<p>Interfaces, gateways, and antennas represent miscellaneous components that are eligible when used for an eligible purpose to transport information from telecommunications or Internet access facilities to the individual classrooms or public areas of a library.</p> <p>The following components are generally eligible:</p> <ul style="list-style-type: none"> <li>• <u>Bridge</u></li> <li>• <u>Cable Modem</u> (but not for receipt of cable TV service; may also be leased as part of Internet access service)</li> <li>• <u>Channel Service Unit/Data Service Unit (CSU)</u> (may also be leased as part of Priority One service)</li> <li>• <u>Copper-to-Fiber</u></li> <li>• <u>FRAD</u></li> <li>• <u>Gateway</u></li> <li>• <u>Interface/Edge Device</u></li> <li>• <u>Network Interface Device</u></li> <li>• <u>Media Converter</u></li> <li>• <u>Terminal Adapter</u></li> <li>• <u>Transceiver</u></li> <li>• <u>Voice/Fax network module</u></li> </ul> <p><u>Eligibility limitations for antennas</u></p> <p><u>Antennas</u> and related components, such as <u>satellite</u> dishes used for eligible purposes, are eligible for discount if they are priced separately on a contract or are sold separately. Antennas embedded in ineligible equipment such as computer workstations are not eligible.</p> <p>While an antenna <u>must</u> that supports eligible Internal Connections is eligible, large antenna towers are not eligible as Internal Connections.</p>
Servers	<p>Computers used as <u>servers</u> or similar centralized functions are eligible if the use is necessary to transport information to the individual classrooms or public areas of a library.</p> <p>A server may be eligible depending on how it is used. An eligible server must serve as a conduit for information rather than as a source for content. Servers typically provide multiple functions. If servers are used for both eligible and ineligible purposes, the cost of the ineligible portion must be removed by cost allocation. The following servers are eligible:</p>

	<ul style="list-style-type: none"> <li>• <u>Dynamic Host Configuration Protocol (DHCP)</u></li> <li>• <u>Domain Name Service (DNS)</u></li> <li>• <u>E-mail</u></li> <li>• <u>Firewall, or Proxy Server</u></li> </ul> <p>The following servers are eligible only in certain cases:</p> <p><u>Remote Access Components</u>— Eligible if steps are taken to ensure that remote access is limited to connections from eligible locations. Remote access cannot be provided to homes or other non-school or non-library sites, other than eligible school-based residences and dorms.</p> <p><u>Terminal Server</u>- Eligible to the extent that the use meets the other eligible server types indicated in this section, but not eligible as a source for ineligible software applications or other ineligible uses.</p> <p><u>Web Server</u>- Eligible if used to display content to users of the Internet, but not eligible as a source for software applications, database functions, or storage of end-user files.</p> <p>One <u>monitor</u> per eligible server or other eligible component requiring a visual display is eligible for discount. However, special-purpose devices, such as large screen monitors, are not eligible.</p> <p>A <u>KVM switch</u> ("keyboard-video-mouse" switch) is eligible if cost-effective in comparison to the individual components necessary.</p>
Software	<p>Specific types of computer <u>software</u> are eligible for discount.</p> <p><u>Operating system software</u>, such as network operating system software required to obtain operation of an eligible component, is eligible, including functionality provided with the core operating system at no cost. Additional software products available separately that provide optional operational features are not eligible for discount.</p> <p><u>E-mail</u> software that is a server-based, shared product is eligible. If such a software product provides substantial additional functionality that is not eligible, such as <u>archiving</u>, database, workflow, or groupware features, only the e-mail portion of the product is eligible and the cost of the ineligible portion must be <u>cost allocated</u>.</p> <p>E-mail software or other eligible components that include content filtering as an integral component part are eligible, but a separately priced content filtering module or product is not eligible.</p> <p>Software for a server-based, shared <u>voice mail</u> system is eligible.</p>

	<p>Software for server based, VoIP user licenses are eligible.</p> <p><u>Client Access Licenses</u> for eligible software products are eligible</p> <p><u>Virtualization software</u> that is a server based, shared product is eligible if used for an eligible server function. If such a software product is used for or provides substantial functionality that is ineligible, such as archiving, applications, network management, a cost allocation to remove the ineligible functionalities is required.</p>
Storage Devices	<p>Storage devices provide electronic data storage on magnetic or other media. Devices include <u>hard disk drives</u>, CD ROM drives, DVD drives, and floppy disk drives.</p> <p>Storage products may be used to store the operating system of an eligible product, such as a network server used for an eligible purpose. (See the entry for <u>Servers</u> for further information.) In addition, storage products may be used for eligible e-mail files but not for <u>e-mail archiving</u>.</p> <p>An eligible server or other eligible component that provides a storage product, such as a DVD drive, as an integral component part, at no additional cost, is eligible.</p>
Telephone Components	<p>Centralized components that are an essential element in the transport of telephone services within a school or library are eligible. This includes:</p> <ul style="list-style-type: none"> <li>• <u>Private Branch Exchange (PBX)</u></li> <li>• <u>Key System (KSU)</u></li> <li>• <u>Voice Mail</u></li> <li>• <u>Wireless</u></li> <li>• <u>VoIP Telephony Equipment</u></li> </ul> <p>In addition, the following features are also eligible:</p> <ul style="list-style-type: none"> <li>• <u>Automatic Route Selection (ARS)</u></li> <li>• <u>E911 Reader Board</u></li> <li>• <u>Voice Compression Module</u></li> <li>• <u>Voice Interface Card</u></li> </ul> <p>One <u>switchboard/attendant console</u> necessary for operation of each eligible PBX or eligible Centrex telephone service is eligible.</p> <p>An intercom system that is an integral component of a PBX or other eligible product that is included in the cost of the eligible component is eligible</p>
Video Components	<p>Centralized <u>video</u> necessary to transport information to the individual classrooms or public areas of a library are eligible. This includes:</p> <ul style="list-style-type: none"> <li>• <u>CODEC</u></li> <li>• <u>Master Control Unit</u></li> </ul>

	<ul style="list-style-type: none"> <li>• <u>Multipoint Control Unit</u></li> <li>• <u>PVBX</u></li> <li>• <u>Video Amplifier</u></li> <li>• <u>Video Channel Modulator</u></li> <li>• <u>Enhanced Multimedia Interface</u></li> </ul> <p>Equipment that is used to control the programming, distribution, and selection of video content may be eligible, if used in the transport of information to individual classrooms or public areas of a library. However, such components are not eligible if used in end-user equipment and/or are operated directly by end-users.</p>
Other Eligible Internal Connections Components	<p><u>Documentation</u> in hard copy or electronic form is eligible for discount if it is basic and is provided as part of the purchase of eligible components.</p> <p><u>Racks</u> are eligible only to the extent that the components they contain are eligible. A surge protector provided as an integral component of a rack or cabinet, without a separately identifiable cost can be included in the cost of the rack or cabinet, but a separately priced <u>surge protector</u> is not eligible.</p> <p><u>System improvements and upgrades</u> to eligible components are eligible for discount. Memory upgrades, for example, to eligible servers are eligible, but memory upgrades would not be eligible in end-user workstations.</p> <p>Please see the <u>Miscellaneous</u> section of this document for additional entries applicable to Internal Connections, such as charges for installation and configuration.</p>
NOT Eligible for E-rate Funding as Internal Connections Components	<p>Products and services are only eligible as Internal Connections if they are an essential element in the transmission of information within the school or library.</p> <p>The following components are <b>NOT ELIGIBLE</b>:</p> <ul style="list-style-type: none"> <li>• <u>Asbestos removal</u></li> <li>• <u>Broadcast</u></li> <li>• <u>Electrical system upgrades</u></li> <li>• Multimedia content, such as encyclopedias on CD ROM, video information, etc., and also <u>multimedia kits</u></li> <li>• <u>Intercom</u> and <u>public address (PA) system</u></li> <li>• <u>Spare parts</u></li> <li>• External <u>speakers</u> (except when provided at no cost as an integral part of an eligible component)</li> <li>• <u>Test Equipment</u></li> <li>• <u>Consumable Kits</u> which contain installation tools</li> <li>• Wiring and components providing electrical service or for radio or television broadcast or cable services</li> <li>• <u>Network interface cards</u> that are embedded in ineligible equipment (such as end-user equipment) or included in the pricing for ineligible equipment</li> <li>• <u>Phone modems</u> that are provided in or with end-user equipment, or used to provide dial-in access from</li> </ul>



ineligible locations such as homes or other non-school or non-library sites

- Lightning Arrestor
- Surge Protector
- Power Distribution Units
- Power Strips
- Disaster Recovery
- Environmental Monitoring
- Components that are installed in standby mode, redundant, not active and online, or otherwise not an essential element in the transmission of information within the school or library

Ineligible Servers:

- Storage of application software, databases accessed by end users, or end-user files other than e-mail files
- End-user personal computers/workstations, even if the device also provides server functionality
- Caching server and print server. (However, caching and print server features provided by the core network operating system may be utilized if the principal function of the server is for other purposes that are eligible).
- Laptop (presumed to not be eligible because a laptop is typically used as an end user workstation).

Ineligible Software:

- All end-user software such as curriculum and productivity software
- Softphones for VoIP
- Application Software other than server-based, shared e-mail
- Software used to develop new applications
- Network management software
- Operating system software for end-user computers
- Security software/Utility software, such as anti-virus and anti-spam software
- Client Access Licenses for ineligible software products

Ineligible Storage:

- Devices used to supplement storage requirements of personal computers on a network. For example, storage devices are not eligible if used to store the following information: end-user files other than eligible e-mail files; application software; other ineligible software; archival information including archived e-mail files; caching information
- Storage devices in end-user components, such as end-user computer workstations
- Consumable storage, such as floppy disks, recordable CD ROM media, and cartridge magnetic tape



- Video Content Storage

Ineligible Data Protection Components:

- Intrusion Detection/Intrusion Prevention
- Online Backup Solutions
- Tape backup cartridge units when part of a PC or workstation
- Cost of purchasing additional or separate tapes

Ineligible Interfaces, Gateways, Antennas:

Antennas and other components used for the receipt of over-the-air radio and television broadcast signals or for radio signals from cable television operators.

Ineligible Telephone Components:

- Automatic Call Distribution System (ACD)
- Call Accounting System
- Call Sequencer
- Homework Hotline
- Station Message Detail Recording (SMDR)
- An intercom or public address system

Ineligible End-user Equipment:

- Computer workstations including personal computers and laptops
- End-user telephone sets
- Fax machine
- Cameras
- Microphones
- Videotape recorders
- Personal digital assistants, smartphones, and tablets
- CD/DVD player
- Pager
- Printer
- Two-way radio
- End-user telephones and end-user voice mail such as answering machines are not eligible. In addition, telephone components not essential for the transport of telephone services within the school or library are not eligible (unless included as an integral component of a standard product offering for an eligible product, at no additional cost).
- Interactive White Boards

Ineligible Video Components:

- End-user video equipment and equipment for the creation of video content is not eligible for discount. Examples include video monitors, televisions, video cameras, and video recorders and playback devices.

	<ul style="list-style-type: none"> <li>• <u>Broadcast and cable television equipment</u> used for the display or distribution of broadcast and cable television signals</li> </ul> <p>See the <u>Miscellaneous</u> section of this document for additional entries applicable to Internal Connections. For example, finance charges and termination charges are not eligible.</p>
--	---

### Priority Two: Basic Maintenance of Internal Connections

Basic maintenance of internal connections (BMIC) ensures the necessary and continued operation of eligible internal connection components at eligible locations.

Funding will be provided for the eligible portion of a technical support contract that includes services that exceed BMIC, if the ineligible portion of the contract can be cost allocated. Technical support contracts that cannot be cost allocated to remove costs that are beyond BMIC, are ineligible in their entirety.

All requests in this category are for services to be delivered within the July 1 to June 30 Funding Year.

Although Internal Connections is subject to the provisions of the "Two-in-Five Rule," this rule does not apply to Basic Maintenance of Internal Connections ("BMIC").

Maintenance and Technical Support of Internal Connections	<p>Necessary basic maintenance services are defined as follows: "but for the maintenance at issue, the connection would not function and serve its intended purpose with the degree of reliability ordinarily provided in the marketplace to entities receiving such services without E-rate discounts." 47 C.F.R. § 54.506(b). The following basic maintenance services are eligible:</p> <ul style="list-style-type: none"> <li>• Repair and upkeep of eligible hardware</li> <li>• Wire and cable maintenance</li> <li>• Basic technical support</li> <li>• Configuration changes</li> </ul> <p>Basic maintenance is eligible for discount only if it is a component of a maintenance agreement or contract for eligible components. The agreement or contract must specifically identify the eligible components covered, including product name, model number, and location. Reimbursements for BMIC will be paid for the actual work performed under the agreement or contract.</p>
NOT Eligible for E-rate Funding as Basic Maintenance of Internal Connections	<p>The following products and services are <b>NOT ELIGIBLE</b>:</p> <ul style="list-style-type: none"> <li>• <u>Unbundled Warranties</u>, including prepaid retainers for service that may not actually need to be performed.</li> <li>• On-site technical support (<i>i.e.</i>, contractor duty station at the applicant site) when off-site technical support can provide basic maintenance on an as-needed basis, unless applicants present sufficient evidence</li> </ul>

	<p>demonstrating that on-site technical support is more cost-effective than utilizing off-site support.</p> <ul style="list-style-type: none"> <li>• Services such as network management and 24-hour network monitoring.</li> <li>• Help desks that provide a comprehensive level of support beyond basic maintenance of only eligible components.</li> </ul> <p>In addition, software <u>Client Access Licenses</u> are not eligible as Basic Maintenance. However, Client Access Licenses for eligible software products may be eligible in the Internal Connections funding category.</p> <p>Eligible basic maintenance does not include services to maintain ineligible equipment, to enhance the utility of equipment beyond the transport of information, or to provide diagnostic services in excess of those necessary to maintain the equipment's ability to transport information.</p>
--	--

#### Miscellaneous

Additional miscellaneous services associated with Priority One and Priority Two services are eligible for funding. When requesting these services on the FCC Form 471, applicants should list these miscellaneous services in the same category as the product or service being installed or obtained—Telecommunications Services, Internet Access, Internal Connections, or Basic Maintenance of Internal Connections. The miscellaneous services and products in this section related to Telecommunications should be requested in the Telecommunications Services or Internet Access category, depending upon the nature of the service provider.

Product Type (Function)	Description
Installation and Configuration	<p>Installation, activation, and initial configuration of eligible components are eligible if they are part of a contract or bid for those eligible components. Such Eligible Services may include basic design and engineering costs and basic project management costs, if these services are provided as an integral component of the installation of the relevant services.</p> <p>In addition, on-site training is eligible as a part of installation services but only if it is basic instruction on the use of eligible equipment, directly associated with equipment installation, and a part of the contract or agreement for the equipment. Training must occur coincidentally or within a reasonable time after installation.</p>
Miscellaneous Fees and Charges	<p>Fees and charges that are a necessary component of an eligible product or service are generally eligible, including:</p> <ul style="list-style-type: none"> <li>• <u>Change fees</u></li> <li>• <u>Freight assurance fees</u></li> <li>• <u>Shipping charges</u></li> </ul> <p>The following fees and charges are eligible only if a contract with a vendor for eligible product or services specifically provides for these costs:</p>

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

	<ul style="list-style-type: none"> <li>• <u>Per diem</u></li> <li>• <u>Travel time</u></li> </ul> <p>A manufacturer's multi-year warranty for a period up to three years and provided as an integral part of an eligible component, without a separately identifiable cost, can be included in the cost of the component.</p> <p>Lease fees to rent or lease eligible components are eligible.</p> <p>Taxes, surcharges, and other similar, reasonable charges incurred in obtaining an eligible product or service are eligible. This includes customer charges for universal service fees, but does not include additional charges for universal service administration.</p> <p>A reasonable <u>contingency fee</u> is eligible only if it is a regular business practice of the service provider. This fee will be reimbursed only if the work is performed.</p>
Other Miscellaneous Components that are NOT Eligible	<p>In addition to items indicated in other sections of this Eligible Services List, the following items are <b>NOT ELIGIBLE</b> for discount:</p> <ul style="list-style-type: none"> <li>• Interest or finance charges</li> <li>• Late payment fees</li> <li>• Performance bond</li> <li>• Termination charges</li> </ul> <p>Any product or service that is <u>duplicative</u> of a service for which funding has already been requested. Services that provide necessary bandwidth requirements, such as multiple T-1 lines, when appropriate for the population served and the services to be received, are not duplicative.</p> <p><u>Failover</u> products or services are not eligible. Any stand alone products or services that are only utilized when the primary fails are not eligible.</p> <p>Broadcast television, cable television, Instructional Television Fixed Service (ITFS), and satellite television are not eligible for discount.</p> <p>Creation of software programs or functions, such as through computer programming is not eligible.</p> <p><u>Ineligible Installation and Configuration:</u></p> <p>Consulting services not directly tied to and coincident with basic installation and configuration of Eligible Services are not eligible. Services and components that are <b>NOT ELIGIBLE</b> include, but are not limited to the following:</p> <ul style="list-style-type: none"> <li>• Initial planning to determine the technology and/or</li> </ul>

	<p>components to be deployed.</p> <ul style="list-style-type: none"> <li>• Network architecture design.</li> <li>• Development of technology plans.</li> <li>• Application assistance, program advice, and other activities not tied directly to actual installation and initial configuration of components.</li> <li>• Labor costs for school and library personnel.</li> <li>• Costs for contractor personnel to operate components.</li> <li>• Costs for <u>network management</u> software, services, and equipment.</li> <li>• <u>Test equipment</u> and tools.</li> <li>• End-user training, such as training of teachers and staff in the use of covered services in their programs of instruction or for professional development.</li> <li>• Construction costs, other than incidental charges to restore a facility to pre-installation conditions.</li> </ul>
--	---

### Special Eligibility Conditions

The following section lists additional requirements relating to Eligible Services and products. The Universal Service Administrative Company also maintains documents providing more details regarding the administration of the E-rate program on the Schools and Libraries Division website, available at <http://www.usac.org/sl/>. These documents are not included by reference in this Eligible Services List.

Ancillary Use	<p>If a product or service includes ineligible functionality, then, in general, the proportionate cost of this functionality must be removed from funding requests through a cost allocation process. However, in certain limited cases, if any ineligible functionality is not significant and strictly ancillary to the principle uses of the product or service, the full product or service may be eligible for discounts.</p> <p>The following conditions are considered when evaluating whether ineligible functionality is ancillary: (1) a price for the ineligible component cannot be determined separately and independently from the price of the eligible components, and (2) the specific package remains the most cost-effective means of receiving the eligible services, without regard to the value of the ineligible functionality. In addition, the applicant may not be specifically seeking one or more of the ineligible components.</p> <p>Funding requests that include only a single price for components that contain both eligible and ineligible functionality, and fail to meet the requirements for Ancillary Use, are fully ineligible. Therefore, applicants are encouraged to utilize a cost allocation process to remove ineligible functionality whenever feasible. For further information, see <u>Cost Allocation Guidelines for Products and Services</u>.</p>
Cost Allocation	<p>If a product or service contains both eligible and ineligible features, an applicant may use cost allocation so that partial funding can be provided. Any <u>cost allocation</u> must</p>

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

	<p>be based on tangible information that provides a reasonable and appropriate delineation between the eligible and ineligible components. When no cost allocation is provided for funding requests that require cost allocation, USAC will contact the applicant to request such cost allocation. See the web document "<a href="#">Cost Allocation</a>" for additional information.</p>
Cost Allocation for File Servers	<p>File servers and other components can be used simultaneously for multiple purposes, some of which are eligible and some not eligible. Cost allocation is required to remove any ineligible functionality from funding requests. However, the exact usage of a file server or other product with multiple uses may be difficult to determine before the product is installed and utilized. A simplified method of cost allocation is available to accommodate this situation. It is based on a simple averaging process of the different functions of the product and is described more fully in the web document "<a href="#">Cost Allocation</a>."</p>
Eligible Users and Locations	<p><b>Educational purposes.</b> E-rate support may be provided only for eligible products or services that will be used primarily for educational purposes. Activities that are integral, immediate, and proximate to the education of students or the provision of library services to patrons, qualify as "educational purposes." The presumption is that activities on school or library property meet this standard.</p> <p>Residential schools that serve students with special circumstances - schools on Tribal lands; schools designated to serve students with medical needs; schools designed to serve students with physical, cognitive or behavioral disabilities; and schools where 35 percent or more of their students are eligible for the National School Lunch Program (NSLP) - are eligible for support. Some services outside of a school or library location may also be eligible for discount in certain cases, such as use by teachers or other school staff while accompanying students on a field trip or sporting event.</p> <p>The term "school or library property" includes a district office or similar facility, but does not include businesses or organizations separate from a school or library organization. For example, the facilities of a business that has contracted with a school to provide bus service do not constitute a location eligible for E-rate support.</p> <p>Employees of a school or library with a normal duty station at an eligible location are eligible users. Employees of a non-school or non-library activity, even if located on school or library property, such as a state government office with responsibilities other than education or library services (e.g., a division of motor vehicles), are not eligible users.</p>
Special Regulatory	<p><b>Telecommunications Services:</b> If the applicant seeks a</p>

Requirements	<p>telecommunications service, support will be available only if the telecommunications service is provided by a telecommunications carrier; that is, a company that offers telecommunications services on a common carriage basis. A telecommunications service is "the offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public...." All telecommunications carriers must be common carriers and are required by the Commission to file FCC Form 499A (<i>Telecommunications Reporting Worksheet</i>). Supported telecommunications services provided by telecommunications carriers include all commercially available telecommunications services.</p> <p><b><u>Telecommunications:</u></b> Supported telecommunications can be provided in whole or in part via lit or dark fiber by any entity, including non- telecommunications carriers. Telecommunications is defined as "the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received."</p> <p><b><u>Internet access.</u></b> If the applicant seeks Internet access, support will generally be available only for basic conduit access to the Internet. "Internet access" is defined in section 54.5 of the Commission's rules. Some Internet Access services may include features that are not themselves eligible, such as specialized content, caching services, and/or filtering services. In general, funding requests that provide only a single price for a product or service that contains both eligible and ineligible functionality are fully ineligible. However, cost allocation may be used to provide separate pricing for the eligible and ineligible components.</p>
Two-in-Five Rule	<p>The "Two-in-Five Rule" allows each eligible entity to obtain support for Internal Connections funding requests every two out of five years. This limitation applies only to Internal Connections and not to requests appropriately categorized as Telecommunications Services, Internet Access, or Basic Maintenance of Internal Connections.</p>
Wide Area Networks	<ul style="list-style-type: none"> <li>• <b><u>WAN Restriction.</u></b> WANs cannot be built or purchased using E-rate support but WAN facilities may be leased.</li> <li>• <b><u>Lease of Wide Area Network Infrastructure.</u></b> Facilities that provide a Wide Area Network may be leased by applicants as a Priority One service. Limitations apply to the reimbursements that are available for initial implementation costs (leased equipment and its installation) of service provider infrastructure. The <u>Wide Area Network Fact Sheet</u> has further details about exclusive access limitations, amortization requirements,</li> </ul>



	<p>and other eligibility conditions for lease of Wide Area Network functionality.</p> <p>• <u>WAN Versus LAN Components (On-Premise Priority One Equipment)</u>. For data and other networks, the distinction between Wide Area Network (WAN) functionality and Local Area Network (LAN) functionality is important. FCC rules establish a rebuttable presumption that a connection does not constitute an Internal Connection if it crosses a public right of way. In order to determine what may be properly funded as Internal Connections, a demarcation point between a Wide Area Network service and the Local Area Network components must be established. This approach is described more fully in the web document <u>On-premise Priority 1 Equipment</u> located in the SLD Reference Area of the USAC web site.</p>
--	--

Glossary	
800 Service (Telephone Service)	800 Service provides toll calling that is paid by the called party rather than the calling party. The name comes from the original Area Code used for all toll-free numbers. Current and future "800 Service" area codes use the convention 8NN, when N is a specific digit, for example 888, 877, and 866.
900/976 Call Blocking (Telephone Service Components)	Call Blocking is a monthly or recurring telephone company charge for the blocking of calls, such as to 900 or 976 numbers. The blocking prevents callers from completing calls to 900 or 976 numbers.
900/976 Charges (NOT Eligible for Funding as Telecommunications Services)	"900" is an area code used to reach a wide range of information providers. Examples of the information that may be provided via a 900 number are adult content programming, weather reports, lottery results, or caller voting for various topics such as television polls. 900 service calls are charged to the party originating the call. Charges for accessing 900 calls are often included in the toll charges on the local telephone bill. 976 service provides a local, pay-per-call telephone service.
911/E911 Trunks/Lines (Telephone Service)	911 and E911 trunks or lines are dedicated telecommunications links specifically or exclusively used for connection between a school/library and a Public Safety Answering Point (PSAP).
Access Point (Data Distribution)	An Access Point is a base station in a wireless LAN. Access points are typically stand-alone devices that may plug into an Ethernet hub or server or may provide a repeater function for wireless networks.
Alarm Telephone Line (Telephone Service)	An alarm telephone line is a telecommunications line specifically dedicated



	to a school or library burglar or fire alarm system. It may be the equivalent of a POTS line or a dedicated line between the school or library and the alarm company.
Antennas (Interfaces)	An antenna is a device for transmitting and/or receiving radio frequency signals.
Application Software (Not Eligible for E-rate Funding as Internal Connections Components)	Application software applies to software accessed directly by end users, such as word processors, spreadsheets, utility, anti-virus, and graphics programs.
Asbestos Removal (Not Eligible for E-rate Funding as Internal Connections Components)	Some older buildings were constructed using products that contain asbestos, which has been determined to be harmful to health. Renovations and installations in such buildings require special treatment, such as, asbestos removal.
Asynchronous Transfer Mode (ATM) (Digital Transmission Services)	ATM is a high-speed Digital Transmission Service that can provide bandwidth of 622 Megabits per second or higher.
Automatic Call Distribution System (ACD) (Telephone—Ineligible)	An Automatic Call Distribution (ACD) system, typically used with a PBX, provides a means of automatically distributing calls evenly on a next available agent basis, so that productivity is maintained and inbound calls are handled efficiently. The system also allows the monitoring of operation on a real-time basis. Additionally, some systems compile historic reports that may enable better utilization of resources for handling incoming calls.
Automatic Route Selection (ARS) (Telephone Components)	Automatic Route Selection (ARS) is a PBX and Centrex service that allows for automatic selection of the most efficient and cost-effective route. It may also be referred to as "least cost routing". By using the ARS feature, outgoing phone calls from PBX and Centrex stations are routed to the most cost-efficient service or facilities.
Bridge (Interfaces)	A bridge is a data communications device that connects two or more network segments, often translating information from one type of network protocol to another.
Broadband over Power Lines (BPL) (Digital Transmission Services) (Internet Access)	Broadband over Power Lines (BPL) is a carrier current system installed and operated on an electric utility service as an unintentional radiator that sends radio frequency energy on frequencies between 1.705 MHz and 80 MHz over medium voltage lines or low voltage lines to provide broadband communications. It is also located on the supply side of the utility service's points of interconnection with customer premises.
Broadcast and Cable	Broadcast/cable equipment applies to

Television Equipment ( <u>Video Components—Ineligible</u> )	equipment used in the transmission or receipt of broadcast TV, broadcast radio, broadcast satellite, or cable television service.
Broadcast “Blast” Messaging ( <u>NOT Eligible for Funding as Telecommunications Services</u> )	Broadcast “Blast” Messaging is a service that allows for a message to be created and delivered to a user defined group typically via voice or text message.
Cable Modem ( <u>Internet Access</u> ) ( <u>Interfaces</u> )	A cable modem is a modem designed for use on a TV coaxial cable circuit and provides a high-speed data path. It can provide high-speed access to the Internet over a cable television line.
Cabling ( <u>Cabling</u> )	Cabling refers to the wires or groups of wires capable of carrying voice, video, or data transmissions. Cabling provides electrical (or, in the case of fiber optics, lightwave) connectivity between points.
Caching ( <u>Servers—Ineligible</u> ) ( <u>Storage Devices—Ineligible</u> )	Caching is a method that stores recently accessed information. Caching components, such as, caching servers, store information locally so that the information is accessible more quickly than if it must be transmitted across a network from a distant server.
Caching Service ( <u>Not Eligible for E-rate Funding as Internet Access Services</u> )	A caching service is a special high-speed storage mechanism at the border of a network and the Internet that holds frequently accessed Internet information, thereby reducing retrieval times for information often requested from the Internet.
Call Accounting System ( <u>Not Eligible for E-rate Funding as Internal Connection Components</u> )	<p>A Call Accounting System records information about telephone calls. It can provide comprehensive information about call costs by associating call records with users, phone extensions, or profiles.</p> <p>Such systems may include <u>Station Message Detail Recording (SMDR)</u> or <u>Call Detail Recording (CDR)</u>, which are software/hardware PBX components that provide the capability to generate reports on call details such as call duration, PBX station number, time and date, dialed number, and cost of call.</p>
Call Sequencer ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	An Automatic Call Sequencer is a component used with a PBX or Key system. The call sequencer distributes incoming telephone calls among a select number of stations or telephones. Some call sequencers are designed to generate statistical reports on number of calls and how calls were handled.
Cartridge Magnetic Tape ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Cartridge magnetic tape is used in tape backup devices, and provides replaceable and archive storage capacity.

CD/ DVD Player (Not Eligible for E-rate Funding as Internal Connections Components)	A Compact Disc or Digital Video Disc (CD/DVD) Player is a device that plays or reproduces the music, voice, and/or video from a CD or Digital Video Disc.
Cellular Service (Telephone Service)	Cellular Service uses radio transmissions to provide a wireless telephone service.
Centrex (Telephone Service)	Centrex is a business telephone service that consists of a wide variety of features, such as, call forwarding and call transfer, provided by central office software.
Change Fees (Miscellaneous Fees and Charges)	Change fees are charges imposed for the modification of an existing service.
Channel Service Unit /Data Service Unit (CSU/DSU) (Interfaces)	A CSU/DSU is a device that terminates a digital channel at a customer's premises. A CSU/DSU often serves as a demarcation between a local network and wide area network facilities.
Circuit Cards (Circuit Cards)	Circuit cards provide microprocessors, transistors, and other components on a circuit board. Circuit cards often are designed to fit into a slot of a larger component, such as a telephone PBX, router, or computer.
Client Access Licenses (Software)	A Client Access License is a software licensing approach used by some vendors that provides authorization to access a software product.
CODEC / Video Encoder (Video Components)	A CODEC (coder/decoder), also known as a video encoder, is a device comprising an encoder and decoder in the same equipment. The CODEC produces a coded output and compresses and decompresses audio and video signals.
Conduit and Raceway (Cabling)	Conduit and raceway are metal or plastic pipe or channels used to protect cable.
Conferencing Services (Other Eligible Telecommunications)	Conferencing Services provide a means for multiple users to participate in group discussions via telephone circuits or video facilities.
Connectors (Cabling)	Connectors are devices that connect wires or fibers.
Consumable Components (Cabling)	Consumables consist of miscellaneous components that are depleted with use, such as tape, splicing materials, labels, and wire wrap.
Consumable Kits (Not Eligible for E-rate Funding as Internal Connections Components)	Consumable Kits include installation tools and consist of miscellaneous components that are depleted with use, such as tape, splicing materials, labels, and wire wrap.
Contingency Fee (Miscellaneous Fees and Charges)	A contingency fee is a specific dollar allowance for possible unforeseeable elements that may occur within the scope of a project.
Copper-to-fiber (TX-to-FX) Converter (Interfaces)	A Copper-to-fiber converter, also known as a TX-to-FX converter, is a device that converts a copper connection to a fiber optic connection.

Couplers (Cabling)	Couplers are passive devices that accept one input broadband signal and replicate it onto another or multiple outputs.
Custom Calling Services (Telephone Service Components)	Custom calling services extend the features available with telephone service. Features available include (but are not necessarily limited to) call waiting, 3-way calling, speed calling, distinctive ring, and call forwarding.
Dark Fiber Service (Dark Fiber)	Dark fiber refers to fiber optic cable for which the service provider has not provided modulating electronics.
Digital Subscriber Line (DSL) (Telecommunications/Internet Access)	Digital Subscriber Line (DSL) is a technology that provides high-speed connections over telephone lines. Different types of DSL service are available, using descriptions such as ADSL, HDSL, and SDSL. The DSL family of technologies sometimes goes by the general name xDSL.
Direct Broadcast Satellite (DBS) (Ineligible Telecommunications)	Direct Broadcast Satellite (DBS) is a technology that uses satellite to transmit TV programs to subscribers. The transmitted signals are received using individual rooftop antennas. Program reception of the subscriber is limited to those channels broadcast by a specific provider.
Direct Inward Dialing (DID) (Telephone Service Components)	Direct Inward Dialing (DID) service allows outside calls to be directed to a Private Branch Exchange station line without the use of an operator.
Directory Advertising (NOT Eligible for Funding as Telecommunications Services)	Directory Advertising is advertising in a telephone directory yellow pages, Internet, or elsewhere. This may be provided by the telephone company or another entity.
Directory Assistance Charges (Telephone Service)	Directory Assistance Charges are those charges assessed for calls made to 411 or other Directory Assistance numbers such as (201) 555-1212 for information. Typically charges are assessed on a per call basis.
Directory Listings (NOT Eligible for Funding as Telecommunications Services)	A telephone company directory contains an alphabetical listing, by name, of all telephone subscribers (except those requesting unlisted or non-published service). Typically, the initial directory listing is provided free of charge to the subscriber, but extra-cost services are available, such as additional listings, unlisted or non-published numbers, and bolded entries.
Disaster Recovery (Not Eligible for E-rate Funding as Internal Connections Components)	Disaster recovery describes a means of restoring service to a computer network that has suffered a disaster. Such costs may include the rental of a site that houses links and equipment that is modeled after the damaged network.
Distance Learning	Distance Learning utilizes video and audio

( <u>Digital Transmission Services</u> )	technologies to allow students who are remotely located from other students or the lecturer to participate interactively with the class.
Documentation ( <u>Other Eligible Internal Connections Components</u> )	Documentation includes support material provided in the form of paper or electronic media. It may include diagrams, blueprints, equipment specifications, or instruction manuals for services and products.
Domain Name Registration ( <u>Internet - Related Services</u> )	A Domain Name indicates an address of location on the Internet. For the e-mail address portion of a symbolic <u>abc@xyz.org</u> , the domain name is xyz.org. Domain Name Registration is the registering of the name and the charge associated with the registration process.
Domain Name Service (DNS) ( <u>Internet Access</u> ) ( <u>Servers</u> )	Domain names, such as <u>www.fcc.gov</u> , are alphabetic, so they are easier to remember than the IP addresses on which the Internet is based. A Domain Name Service translates the alphabetical names input by users into the IP addresses used by Internet devices.
DS-1 ( <u>Digital Transmission Services</u> )	DS-1 is a type of Digital Transmission Service, and stands for "Digital Signal, level 1." It operates at a bandwidth of 1.544 megabits per second. Other DS levels—DS-2, DS-3, and DS-4—operate at higher bandwidths.
Duplicative Services ( <u>Other Miscellaneous Ineligible Components</u> )	Duplicative services are those that deliver the same functionality, to the same population, in the same location, during the same period of time.
Dynamic Host Configuration Protocol (DHCP) ( <u>Internet Access</u> ) ( <u>Servers</u> )	Standard networks need each computer to have a unique address for communication to occur. Dynamic Host Configuration Protocol (DHCP) is a system that provides this unique address from a central computer so that each individual computer does not need to be separately configured.
E911 Reader Board ( <u>Telephone</u> )	The E911 Reader Board is adjunct hardware for a PBX and is used to access E911 Emergency service.
Electrical System Upgrades ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Electrical system upgrades refer to products and services that provide, upgrade, or enhance the provision of electrical power.
E-mail ( <u>Software</u> ) ( <u>Servers</u> )	E-mail stands for "electronic mail." E-mail or electronic mail, is a system for sending text messages and other information across a network.
E-mail Archiving ( <u>E-mail</u> ) ( <u>Servers</u> ) ( <u>Storage Devices</u> )	E-mail archiving is a form of electronic recordkeeping that often includes compressing e-mail files to make greater inbox space available.

E-mail Service (E-mail)	An e-mail service provides for the transmission of text messages and other embedded data such as file attachments. It also enables the transmission of messages over a local network or the Internet.
Enhanced Multimedia Interface (EMMI) (Video Components)	The EMMI is an interface that gives PC and workstation users on ATM networks the ability to send and receive full-motion, high quality video, CD quality stereo and high speed data. Signals are transformed into ATM cells and transported optically, using the Synchronous Optical Network (SONET) standard.
Environmental Monitoring Components (Not Eligible for E-rate Funding as Internal Connections Components)	Environmental monitoring components provide information about heat, humidity, or other factors in order to provide a warning system for conditions that may affect the correct operation of equipment. For example, an environmental monitoring card is sometimes available as an optional feature of an uninterruptible power supply and is used to monitor the environmental conditions of a rack, computer room, or data center.
Ethernet (Digital Transmission Services)	Ethernet is a type of Digital Transmission Service. Traditionally, Ethernet operates at a bandwidth commonly known as 10Base-T which is equivalent to 10 megabits per second (Mb/s). 100Base-T at 100 Mb/s and Gigabit (1,000Mb/s) are also available.
Faceplates (Cabling)	Faceplates are covers that fit over a jack, outlet, or dial.
Failover (Other Miscellaneous Ineligible Components)	Failover is generally a component or service which is activated if the primary component or service loses its capability to function.
Fax Machine (Not Eligible for E-rate Funding as Internal Connections Components)	A facsimile, or fax, machine is a device in which the image of a document is electronically transferred over the telephone network and printed out elsewhere.
Fiber Optics or Fiber (Digital Transmission Services)	Fiber Optics is a technology that uses light to transport information and can provide a Digital Transmission Service.
Filtering Service (Not Eligible for E-rate Funding as Internet Access Services)	A filtering service protects users from dangerous or inappropriate content most often by selectively blocking certain words or certain Internet sites.
Firewall (Internet Access) (Data Protection) (Servers)	A firewall is a hardware and software combination that sits at the boundary between an organization's network and the outside world, and protects the network against unauthorized access or intrusions.
Flat Rate (Telephone Service)	ols and Libraries, 63 CR 660 (FCC 2015) methods to bill customers for local phone



	service, such as Flat Rate, Message Rate, and Local Measured Service. Flat Rate is a billing method for telephone service that, for a set price per month, provides a user an unlimited number of local calls.
FRAD ( <u>Interfaces</u> )	A Frame Relay Assembler/Disassembler (FRAD) is a communications device that breaks a data stream into frames for transmission over a Frame Relay network and recreates a data stream from incoming frames. A Frame Relay router serves the same purpose but provides more intelligence in avoiding congestion.
Frame Relay ( <u>Digital Transmission Services</u> )	Frame relay is a type of Digital Transmission Service. Frame relay networks in the United States support data transfer rates at T-1 (1.544 Mbps) and T-3 (45 Mbps) speeds.
Freight Assurances ( <u>Miscellaneous Fees and Charges</u> )	Freight assurance fees are fees assessed to the purchaser for the guarantee of safe delivery to their premises of goods, <i>i.e.</i> , they provide shipping insurance.
Gateway ( <u>Interfaces</u> )	A gateway is a network device that acts as an entrance to another network and often is used to connect two otherwise incompatible networks.
Hard Disk Drives ( <u>Storage Devices</u> )	Hard disk drives are storage devices that consist of magnetic platters that spin like a record player and magnetic pickup devices, called heads, that are like the needle of a record player. The magnetic platters and heads are sealed in a vacuum in order to maintain tight tolerances and enhance service life.
Homework Hotline Equipment ( <u>Ineligible for E-rate Funding for Internal Connections Components</u> )	Homework Hotline equipment includes an automated response or call routing system that provides information to callers about school assignments.
Homework Hotline Service ( <u>Other Eligible Telecommunications</u> )	A Homework Hotline Service is typically provided as a toll-free telephone number for students to contact the school regarding questions on homework.
Hub ( <u>Data Distribution</u> )	Hubs are central connection points for some types of local area networks with interconnecting cabling from many individual devices, such as computer workstations, printers, servers, and other hubs.
Inside Wire Maintenance Plan ( <u>Telephone Service</u> )	An Inside Wire Maintenance Plan is a monthly recurring charge that provides for the repair, replacement, and maintenance of customer owned inside-premise wire. Cost of the service is sometimes included in regular monthly bills for local and long distance telephone services.
Integrated Services Digital Network	Integrated Services Digital Network (ISDN) is a type of Digital Transmission Service that uses

(Digital Transmission Services)	traditional phone lines to transmit digital voice and data over telephone lines. There are two types of service. Basic Rate Interface (BRI) provides a total bandwidth of 144 kilobits per second. Primary Rate Interface (PRI) provides a total bandwidth of 1.544 megabits per second.
Interactive Television (Digital Transmission Services)	Interactive TV (ITV) provides a means for a viewer to interact with the television set in ways other than controlling the channels, volume, and/or handling videotapes. In an educational setting, such as in a school, ITV provides a means for teachers and students who are remotely located in different places to conduct a class and to interact with each other. ITV also requires a special "set-top box" to be added to the existing television set.
Interactive White Board (Not Eligible for E-rate Funding as Internal Connections Components)	An Interactive White Board is a device that allows for end-users to display information with a vast array of interactive features such as online annotation, the ability to control a personal computer, and distance learning.
Intercom (Not Eligible for E-rate Funding as Internal Connections Components)	An intercom is an internal communication system, originally consisting of multiple speaker/microphone devices connected into an amplifier system. Currently, most intercoms are a part of telephone systems, although separate intercom systems continue to be used in many schools.
Interconnected Voice over Internet Protocol (Interconnected VoIP) (Telephone Service) (Internet - Related Services)	Interconnected VoIP is defined as a service that (1) enables real-time, two-way voice communications; (2) requires a broadband connection from the user's location; (3) requires Internet protocol-compatible customer premises equipment (CPE); and (4) permits users generally to receive calls that originate on the public switched telephone network and to terminate calls to the public switched telephone network.
Interface/Edge Device (Interfaces)	An Interface or Edge Device is a physical device that can pass packets between some types of networks and an <u>Asynchronous Transfer Mode (ATM)</u> network. The device may be a router or Ethernet-to-ATM switch that directly connects to an ATM network.
Internet Access (Internet Access)	Internet access provides a connection to the Internet, which is the publicly available worldwide system of interconnected computer networks that uses agreed-upon technical standards based on the Internet Protocol (IP). Internet access provides a connection to a vast quantity of information and services, such as <u>electronic</u> mail and the documents and features of the World Wide Web. Service Providers for



	Internet access need not be telecommunications carriers.
Internet Content (Not Eligible for E-rate Funding as Internet Access Services)	Internet Content refers to all forms of information that are available on the Internet, such as text, pictures, sound recordings, animation, and video clips.
Internet2 (Not Eligible for E-rate Funding as Internet Access Services)	Internet2 is a consortium of universities, industry, and government members that develop and deploy advanced network applications and technologies.
Intrusion Detection/Intrusion Prevention (Ineligible Internal Connections Components)	Intrusion Detection/Intrusion Prevention functions in addition to firewalls to monitor, detect, and deter threats to a network from external and internal attacks.
Key System (KSU) (Telephone Components)	A Key System, also known as Com Key System or a KSU, is a type of phone system that permits more than one telephone line, PBX extension, private line, or intercom line to appear on a single telephone.
KVM Switch (Servers)	A keyboard-video-mouse (KVM) switch is a switchbox that is used to control two or more computers from a single keyboard, monitor, and computer mouse.
Laptop / Notebook Computer (Servers—Ineligible)	A laptop or notebook computer is a lightweight, portable computer designed for mobility.
Lightning Arrestor (Data Protection—Ineligible)	A lightning arrestor is a device that protects equipment from lightning strikes and static.
Lit Fiber (Telecommunications)	Lit fiber refers to fiber optic cable for which the service provider provides modulating electronics to light the fiber.
Local Area Network (Data Distribution)	A Local Area Network (LAN) is a short distance data communications network used to link together computers and peripheral devices under some form of standard control. The LAN is most often connected by cabling or wireless links within the same building. A LAN consists of several components, including cabling, servers, computer workstations, network interface cards, printers, and data distribution equipment, such as network switches, hubs, and routers.
Local Measured Service (Telephone Service)	Local telephone companies use several methods to bill customers for local phone service, such as Flat Rate, Message Rate, and Local Measured Service. Local Measured Service typically allows an unlimited number of incoming calls. Outgoing calls beyond a certain threshold result in extra charges.
Local Phone Service (Telephone Service)	Local phone service is a service provided by a local exchange carrier (LEC). Phone lines from homes and businesses terminate at a central office of a LEC, which in turn connects to other local exchanges and to carriers for long

	distance service.
Long Distance Telephone Service (Telephone Service)	Long distance telephone service is provided by interexchange carriers and provides telephone service outside of a local calling area.
Mast (Interfaces)	A mast is a pole or structure on which an antenna is placed.
Master Control Unit (Video Components)	A Master Control Unit (MCU) is a device that controls the main operating functions of a video system.
Media Converter (Interfaces)	A media converter is a module that converts one type of media to another type of media for network compatibility. The actual media can vary, such as fiber, coax, or twisted pair.
Memory Modules / Random Access Memory (RAM) (Circuit Cards)	A memory module is the electronic holding place for instructions and data that a computer's microprocessor can reach quickly. The module usually holds multiple Random Access Memory (RAM) chips. Common types are SIMM, DIMM, RDRAM, and SDRAM.
Message Rate Service (Telephone Service)	Local telephone companies use several methods to bill customers for local wireline service, such as Flat Rate, Message Rate, and Local Measured Service. Message Rate Service provides a certain number of "call units." Various call lengths and distances can use a different number of call units. Calls in excess of the message rate allocation result in additional charges.
Mobile Hotspot Service (Internet Access)	Mobile hotspot service allows certain mobile devices to share their high speed mobile broadband with other users wirelessly.
Monitor (Servers)	A monitor is the video display unit (television screen) that is used to display information from a computer.
Multimedia Kits (Ineligible Internal Connections Components)	Multimedia kits provide a package of hardware and software that adds multimedia capabilities to a computer. A multimedia kit may include a CD ROM or DVD player, a sound card, speakers, and a bundle of CD ROMs.
Multiplexer (Data Distribution)	A multiplexer is electronic equipment that allows two or more signals to pass over one communications circuit. The circuit may be a telephone line, dedicated line, or radio signal. It provides an economic approach for transporting, for example, up to 24 voice-grade lines on a single circuit.
Multipoint Control Unit (Video Components)	A Multipoint Control Unit (MCU) is a bridging or switching device used for multipoint videoconferencing.
Network Interface Cards (NICs) (Circuit Cards)	Network interface cards (NICs) are electronic devices that connect workstations, servers, or other devices to a network. NICs work with the network software and computer operating

	system to transmit and receive messages on the network.
Network Interface Device ( <u>Interfaces</u> )	A Network Interface Device (NID) is a component installed between a telephone network and the inside wire of a customer premises. The NID is usually provided by the telephone company and is the transition, or demarcation point, between the company's network and the customer's inside wiring.
Network Management ( <u>Software</u> —Ineligible)	Network Management is a system of equipment or software used in monitoring, controlling, and managing a communications network.
Network Switch ( <u>Data Distribution</u> )	A switch is a mechanical or electronic device that completes or breaks an electrical path or that selects the paths for communication. More specifically, network switches provide capability similar to a network <u>hub</u> but provide a dedicated bandwidth at each network port, rather than shared bandwidth among all ports.
OC-1 ( <u>Digital Transmission Services</u> )	OC-1 stands for "optical carrier 1," which is a Digital Transmission Service that operates at 51.84 Megabits per second. Multiples of this bandwidth are also available, such as, OC-3 and OC-12.
Online Backup Solution ( <u>Not Eligible for E-rate Funding as Internet Access Services</u> ) ( <u>Ineligible Internal Connection Components</u> )	An Online Backup Solution provides off-site data storage generally accessible from any Internet connection.
Operating System Software ( <u>Software</u> )	Operating System software enables the basic operations of a computer system or other electronic device. For example, it can configure the communication paths between memory and storage, and provides basic functions for other software to operate correctly.
Pager ( <u>Ineligible Internal Connections Components</u> )	A Pager (also known as a Beeper) is the receiving end of a paging service and is a small device worn on the belt or carried in a handbag. Pagers may provide text or voice messages, or both.
Paging Services ( <u>Paging</u> )	Paging is a service designed to deliver a message to a person whose exact location is unknown. The service employs radio signals that activate a paging receiver carried by the intended recipient to deliver a text, numeric, or voice message.
Payphone Telephone Service ( <u>NOT Eligible for Funding as Telecommunications Services</u> )	Payphone (or coin) telephone service is provided in a public or semi-public place and requires the use of coins, credit card, pre-paid card, or other means of payment at the time of placing the call.

Per Diem ( <u>Miscellaneous Fees and Charges</u> )	Per diem is a dollar amount designated to a vendor for daily expenses, such as, lodging and food. It may or may not include travel time.
Performance Bond ( <u>Other Miscellaneous Ineligible Components</u> )	A Performance Bond, also known as a Bid Bond, is a legal obligation, generally obtained by the vendor or contractor from a third party, that guarantees the terms of the contract or agreement will be met. In the event of default or failure to meet the terms, the bond would be used to complete the contracted work.
Permanent Virtual Circuit (PVC) ( <u>Digital Transmission Services</u> )	Permanent Virtual Circuits (PVCs) are shared connections between end-points. PVCs play a central role in Frame Relay networks. They are also supported in some other types of networks, such as, X.25.
Personal Communications Services (PCS) ( <u>Telephone Service</u> )	Personal Communications Services (PCS) is a digital wireless telecommunications service, similar to cellular service, but operating on different radio frequencies.
Personal Computers/Workstations ( <u>Servers—Ineligible</u> ) ( <u>Ineligible Internal Connections Components</u> )	Personal computers, or workstations, are computers designated or designed as end-user equipment. They may operate in a stand-alone environment or may be connected to a host computer as part of a network. They are differentiated from computers configured as servers that are designed to route information to and from end-user equipment.
Personal Digital Assistant (PDA) ( <u>Ineligible Internal Connections Components</u> )	A Personal Digital Assistant (PDA) is a handheld device that can provide several functions such as calendaring, telephone, and e-mail. Some PDAs may also have wireless networking features.
Phone Calling Cards ( <u>Telephone Service</u> )	Phone Calling Cards generally have the appearance of a credit card and provide a means to make long distance calls from any phone. Charges for the call are subtracted from the calling card balance or are included in the calling card subscriber's monthly phone bill.
Phone Modems ( <u>Circuit Cards</u> )	Phone modems are devices that convert data signals into suitable form for transmission and receipt over a telephone line.
POTS ( <u>Telephone Service</u> )	"POTS" stands for "Plain Old Telephone Service" and provides local telephone dial-tone service.
Power Strips/Power Distribution Units(PDU) ( <u>Ineligible Internal Connections Components</u> )	A Power Strip is a group of sockets that allow for multiple power cords to plug into a single device. A Power Distribution Unit is a power strip designed for data centers or racks with greater capacity and features than a power strip.
Printer ( <u>Ineligible Internal Connections Components</u> )	A printer is a device that receives computer information and prints it on paper.

Private Branch Exchange (PBX) (Telephone Service)	A PBX is a centralized telephone switching system located at a business or organization site. The PBX provides internal station-to-station dialing and access to the public switched network.
Processor Terminator Card (Circuit Cards)	A processor terminator card is a device installed in a multi-processor computer to signal the computer that only one processor is installed.
Proxy Server (Data Protection) (Servers)	A proxy server is a device that sits between "trusted clients" (e.g., workstations inside an organization) and "untrusted clients" (e.g., the Internet) that provides security features and often times address translation. To the "untrusted clients", communication appears to be taking place with the proxy, even though the communication is passed to and from the trusted clients.
Public Address (PA) System (Telephone—Ineligible) (Ineligible Internal Connections Components)	A Public Address System allows the user to make announcements through the use of amplifiers and speakers.
PVBX (Video Components)	A Private Video Branch Exchange (PVBX) is a PBX designed for video information. A PVBX can link classrooms or other locations together and can interconnect end-user and other equipment, such as cameras, monitors, and videocassette recorders.
Racks and Cabinets (Other Eligible Internal Connections Components)	A rack is a metal supporting framework for mounting cables, equipment, and/or wires. A cabinet is an enclosure for equipment, terminating cables, connection devices, and/or wires.
Radio Loop (Telephone)	Radio Loop is provided by a local exchange telecommunications carrier and is also called Basic Exchange Telecommunications Radio Service (BETRS). BETRS is used by local telephone companies to provide dial tone to subscribers in certain circumstances, such as when it is either not technically possible or not cost-effective to provide the service by conventional means.
Relay I/O Module (Data Protection)	A Relay I/O Module allows protection by an Uninterruptible Power Supply (UPS) for equipment not pre-designed for a UPS interface.
Remote Access Components (Servers)	Remote access components, such as a remote access router or communications server, allow users to access network resources by dialing in from an off-site location in order to connect their local computer with network devices. Dialing in most cases typically utilizes standard telephone lines but, in some cases, may be based on other technologies.

Reverse Directory Assistance ( <u>NOT Eligible for Funding as Telecommunications Services</u> )	Reverse Directory Assistance is a service that can use a phone number to provide the name and, in some cases, the address of the subscriber of that phone number.
Router ( <u>Data Distribution</u> )	Routers are switching devices that can act as an interface between two networks and connect different segments, such as departments or floors in a building. Functionally, routers select the routing path for traffic, may provide features such as load balancing, and can provide trouble-shooting diagnostic capabilities.
Satellite Dishes ( <u>Interfaces</u> )	Satellite Dishes are antennas capable of receiving signals from and, in some cases, transmitting signals to communications satellites.
Satellite Service ( <u>Digital Transmission Services</u> )	Satellite service provides communication between points on Earth by using an orbiting satellite as a communications relay point.
Servers ( <u>Servers</u> )	Servers are computers on a local area network that can provide access to files, software, printers, or other features that are shared among multiple users.
Shipping Charges ( <u>Miscellaneous Fees and Charges</u> )	Shipping Charges are the charges associated with the delivery of products from their point of origin to the customer premises.
Smartphone ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Mobile phone that offers more advanced computing ability and connectivity than a contemporary feature phone.
Softphone ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	A Softphone is end-user application software that allows users the use of a personal computer's microphone and speakers to make telephone calls.
Software ( <u>Software</u> )	Software is distinct from physical computer hardware and refers to the detailed instructions that operate a computer.
Spare Parts ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Spare parts are components on hand to replace hardware that fails.
Speakers ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Speakers are the components that provide sound from a computer, phone, intercom, or other device.
Station Message Detail Recording (SMDR) ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Station Message Detail Recording (SMDR) and Call Detail Recording (CDR) are software/hardware PBX components that provide the ability to generate reports on call details. Those details include, but are not limited to, call duration, PBX station numbers, time and date, trunk route, dialed number, and cost of call.
Storage Media	Storage media includes products such as floppy



(Not Eligible for E-rate Funding as Internal Connections Components)	disks and recordable CD ROM that provide replaceable storage.
Surge Protector (Not Eligible for E-rate Funding as Internal Connections Components)	Surge protectors provide electrical AC power outlets with circuitry that protects equipment against voltage spikes and electrical disturbances.
Switchboard / Attendant Console (Telephone Components)	The operation of a PBX or Centrex system may require the use of a switchboard or attendant console for the transfer of incoming calls to the appropriate extension when systems are not equipped with Direct Inward Dialing. The switchboard or attendant console may include Direct Station Selection (DSS), which provides an easy means for transferring calls.
Switched Multimegabit Data Service (SMDS) (Digital Transmission Services)	Switched Multimegabit Data Service (SMDS) is a type of Digital Transmission Service offered by telephone companies that operates at speeds of from 1.544 Megabits per second to 45 Megabits per second or even more.
System Improvements and Upgrades (Other Eligible Internal Connections Components)	A system improvement or upgrade provides enhanced functionality to an existing product or configuration of products.
T-1 (Digital Transmission Services)	T-1, which stands for Trunk Level 1, is a Digital Transmission Service that operates at 1.544 Megabits per second. Greater speeds are available from other Trunk Levels, such as T-2 (6.312 Mbps) or T-3 (44.736 Mbps). Slower speeds are known as Fractional T-1.
Tablet (Not Eligible for E-rate Funding as Internal Connections Components)	A complete mobile computer, larger than a mobile phone or personal digital assistant, integrated into a flat touch screen and primarily operated by touching the screen. It often uses an onscreen virtual keyboard or a digital pen rather than a physical keyboard.
Tape Backup (Data Protection)	Tape Backup units provide copies of computer files on magnetic tape, for protection against a catastrophic failure. Tape backup technologies include QIC, DAT, 8mm, DLT, AIT, and ADR.
Telephones (Not Eligible for E-rate Funding as Internal Connections Components)	Telephones, also known as telephone sets, telephone instruments, digital voice terminals, and voice terminals, are the end-user equipment used to transmit and receive telephone communications.
Terminal Adapter (Interfaces)	A Terminal Adapter (TA) is a device that connects a computer to an external digital communications line, such as, an ISDN line.
Terminal Server (Servers)	A Terminal Server is a specialized server that connects multiple terminals into a network. Traditionally, terminal servers were used to connect multiple "dumb" terminals into network resources. Today, they are also used to

	provide increased connectivity and performance for older computers workstations.
Termination Charges (Other Miscellaneous Ineligible Components)	Termination charges are fees assessed for the removal or discontinuation of a product or service.
Test Equipment (Not Eligible for E-rate Funding as Internal Connections Components)	Test Equipment is used to test hardware, software, cable continuity, telecommunications links, etc.
Text Messaging (Telephone Service Components)	Text messaging or short message service (SMS) is a service that enables the transmission of alphanumeric messages, typically up to 160 characters.
Transceiver (Interfaces)	A transceiver is a device that transmits and receives analog or digital signals. The term is used most frequently to describe the component in local area networks (LANs) that actually applies signals onto the network wire and detects signals passing through the wire. For many LANs, the transceiver is built into the network interface card (NIC).
Travel Time (Miscellaneous Fees and Charges)	Travel time refers to the time required for service provider personnel to travel to and/or from locations to provide <u>Eligible Services</u> .
Trunk lines (Digital Transmission Services)	A trunk line is a communications path between two switching systems, such as equipment in a telephone company central office and a Private Branch Exchange (PBX). Central Office trunks connect a PBX to the central office switching system at the central office. Tie trunks connect two PBXs together.
Two-Way Radio (Not Eligible for E-rate Funding as Internal Connections Components)	Two-way radios are wireless end-user devices used to communicate, typically over short distances.
Unbundled Warranty (Not Eligible for E-rate Funding as Basic Maintenance of Internal Connections)	A separately priced warranty allowing for broken equipment to be fixed or, in the event that the problem is beyond repair, replaced.
Uninterruptible Power Supply (UPS) / Battery Backup (Data Protection)	An Uninterruptible Power Supply (UPS), also called a battery backup, is a device that provides backup electric energy to a piece of equipment in the event of a power failure.
UPS Interface Expander (Data Protection)	A UPS Interface Expander allows an Uninterruptible Power Supply (UPS) to provide power management to multiple devices.
Video Amplifier (Video Components)	A Video Amplifier is a device that strengthens the level of a video signal.
Video Channel Modulator (Video Components)	A Video Channel Modulator is a distribution box that takes standard video and audio input from video cameras, recorders, and other video components and distributes the signals to end users.



Video Components ( <u>Video Components</u> )	Video components provide the capabilities and technologies to enable moving images on television screens or computer monitors.
Video Content Storage ( <u>Other Eligible Internal Connections Components</u> )	Video content storage enables the storage of videos and makes such videos available for retrieval at any given time.
Video Service ( <u>Digital Transmission Services</u> )	Video services involve the transmission of visual images.
Virtualization software ( <u>Software</u> )	Virtualization software allows for the creation of multiple virtual servers on a single server. The virtual servers share the hardware of the server upon which the software is installed.
Virtual Private Network (VPN) Components ( <u>Data Protection</u> )	A Virtual Private Network (VPN) uses encryption and/or tunneling services in order to provide highly secure communication over the public Internet or in some cases over point-to-point links.
Voice Compression Module ( <u>Telephone Components</u> )	A Voice Compression Module allows voice and fax traffic to share the same lines as data and LAN traffic.
Voice Interface Card ( <u>Telephone Components</u> )	Voice Interface Cards (VIC) are usually components of a router or PBX system that interface with internal systems and the public switched telephone network. Examples include FXO Cards, E& M Cards, and FXS Cards.
Voice Mail Components ( <u>Telephone Components</u> )	Voice mail components allow users to receive voice messages left by telephone callers and may have other features, such as message forwarding.
Voice Mail Service ( <u>Voice Mail Service</u> )	A voice mail service allows users to receive voice messages left by telephone callers and may have other features such as message forwarding. A voice mail service is classified as an information service that is distinct from a telecommunications service or Internet access.
Voice/Fax Network Module ( <u>Interfaces</u> )	A Voice/Fax module is an access product that enables the transmission of multiprotocol data—voice, fax and LAN—over telecommunications services.
Voice/Video over IP (VoIP) Components ( <u>Data Distribution</u> )	Voice/video over IP (VoIP) components refer to equipment that utilizes the TCP/IP suite of protocols to provide voice and/or video communications.
Web Casting ( <u>Not Eligible for E-rate Funding as Internet Access Services</u> )	Web Casting is a service provided over the Internet that delivers news or other content via web browser software or to an E-mail address. A user accesses a Web Casting site and chooses what news or content he/she wants to be informed about. Information content is then periodically delivered by the Web Casting supplier.
Web Hosting	A web hosting service is one that hosts a

(Internet - Related Services)	school's or library's website.
Web Server (Not Eligible for E-rate Funding as Internal Connections Components)	A web server is a computer server used to provide information to Internet users and can also be used to provide web-based software applications and other web-based functions.
Web Site Creation Fee (Not Eligible for E-rate Funding as Internet Access Services)	A web site creation fee is a separate charge for creating a website.
Wide Area Networks (WANs) (Digital Transmission Services)	A wide area network is a voice, data, and/or video network that provides connections from within an eligible school or library to other locations beyond the school or library.
Wire Managers (Cabling)	Wire managers are wire restraints to house or arrange wiring and cabling. They can be aluminum or plastic and may be rack-mountable.
Wireless Internet Access Service	Wireless Internet Access Service provides Internet access to portable devices or other devices capable of receiving a wireless service.
Wireless Local Area Network (Data Distribution)	A Wireless Local Area Network provides the functionality of a local area network using wireless components rather than cabling.
Wireless Local Area Network Controller (Data Distribution)	A Wireless Local Area Network Controller is used in conjunction with access points to create a wireless local area network.
Wireless PBX Adjunct (Telephone Components)	A Wireless PBX Adjunct functions in conjunction with a Private Branch Exchange to enable use of cordless telephones on an organization's premises.
Wireless Telephone Services (Telephone Service)	Wireless telephone services provide connection to the public switched telephone network similar to traditional phone service, but utilize portable electronic devices and radio frequencies rather than hard-wired handsets.
Workstation (Not Eligible for E-rate Funding as Internal Connections Components)	See the entry for <u>Personal Computers/Workstations</u> for additional information.

## Index

3-Way Calling, 33

800 Service, 5, 29

900 Call Blocking, 5

900 Calls, 29

900 Service, 6

911, 5, 6, 29

976 Call Blocking, 5

976 Charges, 29

976 Service, 6

Access Point, 13, 29

ACD, 30

Activation, 23

Administration, 23, 26

Alarm, 5

Alarm Telephone Line, 6, 29

Ancillary Use, 26

Answering Machines, 18, 24

Antennas, 14, 18, 29, 33, 40, 44

Anti-Virus, 18, 29

Application Assistance, 24

Application Software, 18, 29

Archiving, 8, 15, 16, 18, 35

Asbestos Removal, 18, 30

Asynchronous Transfer Mode, 4, 30, 38

ATM, 4, 30, 38

Attendant Console, 16

Automatic Call Distribution System, 18, 30

Automatic Route Selection, 16, 30

Basic Conduit, 10

Basic Maintenance of Internal Connections, 1, 21, 28

Basic Maintenance Of Internal Connections, 21

BasicConduit, 8

Battery Backup, 13, 47

Beeper, 41

Blogging, 9

Blueprints, 34

BRI, 4, 37

Bridge, 14, 30

Broadband over Power Lines, 4, 30

Broadcast Blast Messaging, 6, 31

Broadcast Equipment, 30

Broadcast Television, 18, 24, 30

Burglar Alarm, 29

Cabinet, 17, 44

Cable, 12, 32

Cable Equipment, 30

Cable Maintenance, 21

Cable Modem, 8, 14, 31

Cable Services, 18

Cable Television, 14, 18, 24, 30

Cabling, 12, 31, 32, 33, 36, 49

Caching, 10, 18, 31

Call Accounting System, 18, 31

Call Blocking, 29

Call Detail Recording, 31, 45

Call Forwarding, 32, 33

Call Sequencer, 18, 31

Call Transfer, 32

Call Waiting, 33

Calling Cards, 43

Cameras, 18, 43, 47

Cartridge Magnetic Tape, 18, 31

CD, 18, 32, 40, 45

CD ROM, 40, 45

CDR, 31, 45

CDROM, 18

Cellular Service, 3, 5, 32, 42

Centrex, 5, 16, 30, 32, 45

Change Fees, 23, 32

Children's Internet Protection Act, 3

Circuit, 12, 32, 40, 41, 42, 43

Circuit Cards, 12, 32

Client Access Licenses, 15, 21, 32

Coax, 12, 40

CODEC, 17, 32

Coincident with Installation, 23, 24

CollaborationTools, 8

Compact Disc, 32

Components, 6, 12, 13, 14, 17, 18

Computer Workstations, 18

Conduit and Raceway, 12, 32

Conferencing Services, 4, 32

Configuration, 3, 6, 8, 10, 13, 14, 17, 21, 23, 24, 35, 46

Connectors, 12, 32

Construction Costs, 24

Consulting Services, 24

Consumables, 12, 18, 32, 33

Content, 6, 7, 8, 10, 14, 15, 17, 18, 29, 36, 38, 49

Content Filtering, 15

Contingency Fee, 23, 33

Contractor Duty Station, 21

Contractor Personnel, 24

Copper, 12, 33

Copper-To-Fiber Converter, 33

Cost Allocation, 8, 12, 14, 15, 26, 27

Cost-Effective, 8, 14, 21, 23, 30, 44

Couplers, 12, 33

Creation Configuration, 6

Creation of Video Content, 18

CSU, 14, 32

Custom Calling Services, 5, 33

Dark Fiber, 7, 10, 33, 39

Data Charges, 8

Data Distribution, 13, 29, 37, 39, 40, 41, 44, 48, 49

Data Protection, 13, 34, 35, 36, 39, 43, 44, 46, 47, 48

Design, 23, 24

DHCP(Dynamic Host Configuration

Protocol), 35

Diagnostic Services, 21

Diagrams, 34

DID, 5, 33

Digital Subscriber Line, 33

Digital Transmission Services, 4

Digital Video Disc, 32

DigitalSubscriberLine, 8

Direct Broadcast Satellite, 6, 33

Direct Inward Dialing, 5, 33, 45

Direct Station Selection, 45

Directory Advertising, 6, 33

Directory Assistance Charges, 5, 33

Directory Listings, 6, 34

Disaster Recovery, 18, 34

Distance Learning, 6, 10, 34, 38

Distinctive Ring, 33

Documentation, 17, 34

Domain Name, 14, 34

Domain Name Registration, 9

DomainName, 8

DS-1, 4, 34

DS-3, 34

DSL, 8, 33

DSU, 32

Duplicative Services, 24, 34

DVD, 16, 32, 40

E911, 6, 29, 35

Electrical Power, 35

Electrical System Upgrades, 18, 35

Eligible Users and Locations, 27

E-Mail, 8, 14, 15, 16, 18, 34, 35, 42, 49

Encyclopedias, 18

End-User Equipment, 18, 42

End-User Products, 24

End-User Training, 24

Engineering, 23

Enhanced Multimedia Interface, 17

Environmental Monitoring, 18, 35

Faceplate Cover, 36

Faceplates, 12

Failover, 24

Fax Machines, 5, 18, 36, 48

Fiber, 4, 7, 8, 10, 14, 33, 36

Fiber Coax, 12, 40

Fiber Optics, 31, 33, 36, 39

File Servers, 26

Filtering Service, 10, 36

Finance Charges, 10, 18, 24

Fire Alarm, 29

Firewall, 8, 13, 14, 36

Flat Rate, 5, 36, 39, 40

Floppy Disk Drive, 16

Floppy Disks, 18, 45

Fractional T-1, 4, 46

FRAD, 14, 36

Frame Relay, 4, 36, 42

Freight Assurance Fees, 23

Gateways, 14, 37

Glossary, 1, 29

GPS, 6, 8, 10



Hard Disk Drive, 16, 37

Homework Hotline Equipment, 37

Homework Hotline Service, 18, 37

Hubs, 13, 37

Incidental Charges, 24

Index, 1, 51

Ineligible Components, 18, 24, 34, 36

Ineligible Features, 27

InEligible Services, 6, 10

Ineligible Telecommunications, 33

Initial Configuration, 23, 24

Initial Planning, 24

Inside Wire Maintenance, 5

Inside Wire Maintenance Plan, 37

Installation, 3, 4, 5, 7, 8, 12, 17, 18, 23, 24, 28

Installation Tools, 18

Instant Messaging, 9

Instruction, 23, 24, 34

Instructional Television Fixed Service, 24

Integral Component, 8, 17, 18

Integrated Services Digital Network, 4, 37

Interactive Television, 37

Interactive White Board, 18, 38

Intercom, 18, 38, 39, 45

Interconnected Voice Over Internet Protocol, 5, 9, 38

Interest, 24

Interface/Edge Device, 14, 38

Interfaces, 14, 29, 30, 31, 32, 33, 36, 37, 38, 40, 41, 44, 46, 47, 48

Internal Connections, 1, 6, 12, 13, 14, 17, 18, 21, 23, 24

Internet, 4, 8, 10, 14, 31, 33, 34, 35, 36, 43, 48, 49

Internet Access, 1, 3, 8, 10, 13, 14, 23, 24, 27, 28, 30, 31, 36, 38, 39, 40, 41, 48, 49

Internet Content, 38

Internet2, 4, 6, 10, 39

InternetAccess, 8

Intrusion Detection/Intrusion Prevention, 18, 39

ISDN, 4, 37, 46, 48

ITFS, 24

ITV, 37

Jacks, 12

Key System, 16, 39

Keyboard, 14, 39

KVM Switch, 14, 39

Labor, 24

LAN, 29, 39, 48

Laptop Computer, 18, 39

Late Payment Fees, 24

Lease Fees, 23

Lightning Arrestors, 18, 39

Limited-Access Information, 10

Lit Fiber, 39

Local Area Networks, 13, 37, 39, 44, 47, 49

Local Measured Service, 5, 39

Local Network, 32

Local Phone Service, 3, 5, 39

Long Distance, 3, 5, 37, 39, 40, 43

Maintenance, 3, 6, 7, 10, 21, 28, 37

Master Control Unit, 17, 40

Masts, 14, 40

MCU, 40, 41

Media Converter, 14, 40

Memory, 12, 17, 40

Message Rate Service, 5

Microphones, 18

Miscellaneous Components, 14, 32, 33

Miscellaneous Fees and Charges, 23

Miscellaneous Services, 1, 3, 8, 10, 17, 18, 23

Mobile Hotspot Service, 8, 40

Modem, 5, 31

Modulating Electronics, 7, 33, 39

Module, 15, 40, 48

Monitor, 14, 39, 40

Monitoring, 6, 21, 30

Multimedia, 18, 40

Multimedia Kits, 18

Multiplexer, 13, 40

Multipoint Control Unit, 17, 41

Network Architecture, 24

Network Interface Cards, 12, 18, 41, 47

Network Interface Device, 14, 41

Network Management, 21, 24, 41

Network Switch, 13, 41

NIC, 12, 41, 47

Notebook Computer, 39

Numeric Message, 42

OC-1, 4, 41

OC-12, 4, 41

OC-3, 4, 41

OC-n, 4

Off-Site Location, 21, 44

Online Backup Solutions, 10, 18

On-premise Priority 1 Equipment, 28

On-Site Technical Support, 21

On-Site Training, 23

Operating System, 15, 16, 18, 41

Operating System Software, 41

Optic Cable, 33, 39

Pagers, 18, 41

Paging Service, 4, 42

Panels, 12

Password-Protected Pages, 9

Payphone, 6, 42

PBX, 12, 16, 30, 31, 32, 35, 39, 43, 45, 47, 48, 49

PCS, 5, 42

PDA, 18, 42

PDU, 43

Per Diem, 23, 42

Performance Bond, 24

Permanent Virtual Circuits, 4, 42

Personal Communications Services, 5, 42

Personal Computers, 42

Personal Digital Assistants, 18

Phone Calling Cards, 5

Phone Modems, 12, 18, 43

Plain Old Telephone Service, 5

Point-to-Point, 10

POTS, 5, 29, 43

Power Distribution Units, 18, 43

Power Strip, 18, 43

PRI, 4, 37

Printers, 18, 43

Private Branch Exchange, 16, 33, 43, 47, 49

Processor Terminator Card, 12, 43

Processors, 12

Program Advice, 24

Programming, 17, 24, 29

Project Management, 23

Proxy Server, 13, 14, 43

PSAP, 29

Public Address System, 18, 43

Public Safety Answering Point, 29

PVBX, 17, 43

PVC, 4, 42

Racks, 17, 35, 44, 49

Radio, 18, 29, 30, 32, 40, 42

Radio Loop, 5, 44

Recorders, 18

Redundant, 18

Relay I/O Module, 13, 44

Remote, 12

Remote Access, 14

Remote Access Components, 14, 44

Remote Access Router, 44

Repair and Upkeep, 21

Residential Schools, 6, 27

Reverse Directory Assistance, 6, 44

Routers, 12, 13, 32, 36, 38, 44, 48

Satellite, 4, 14, 24, 30, 33, 44

Satellite Television, 24

Scheduling Service, 6

Security Features, 43

Security Hazards, 13

Servers, 12, 14, 15, 16, 17, 18, 29, 31, 34, 35, 36, 37, 39, 40, 41, 42, 43, 44, 46, 49

Shared Telephone Service, 5

Shipping Charges, 23, 45

SMDR, 31, 45

SMDS, 4, 46

Software, 14, 15, 18, 21, 24, 29, 31, 32, 36, 40, 41, 44, 45, 47, 49

Software Applications, 14, 49

Spare Parts, 18, 45

Speakers, 18, 40, 43, 45

Special Construction Charges, 7

Special Eligibility Conditions, 1, 10, 26

Specialized Services, 10

Speed Calling, 33

Standby, 18

Station Message Detail Recording, 31, 45

Storage, 6, 14, 16, 18, 31, 37, 41, 45

Storage Media, 45

Surcharges, 23

Surge Protectors, 17, 18, 45

Switch, 14

Switch Board or Attendant Console, 45

Switched Multimegabit Data Service, 4, 46

System Improvements, 17, 46

System Upgrade, 46

T-1, 4, 8, 36, 46

T-3, 4, 36, 46

Tape Backup, 13, 18, 46

Taxes, 23

Technical Support, 3, 21

Technical Support Contracts, 21

Technology Plans, 24

Telecommunications, 1, 7, 10, 13, 14, 29, 31, 32, 33, 34, 38, 42, 44, 47, 48

Telecommunications Services, 1, 3, 4, 6, 7, 23, 24, 28, 33, 37

Telephone, 5, 8, 16, 29, 30, 31, 33, 43, 46, 49

Telephone Components, 5, 16, 31, 35, 37, 39, 43, 45, 48

Telephone Features, 5

Telephone Service, 5, 16, 29, 30, 32, 33, 36, 37, 38, 39, 40, 42, 43, 44, 49

Telephone Service Components, 29, 33, 47



Telephone Sets, 18, 46

Television, 14, 18, 24, 29, 30, 31, 33, 37, 40, 48

Terminal Adapter, 14, 46

Terminal Server, 14, 46

Termination Charges, 10, 18, 24, 46

Test Equipment, 18, 24, 47

Text Messages, 5, 35, 41, 47

Text Paging, 42

Toll Charges, 29

Toll-Free, 29, 37

Tools, 24

Towers, 14

Training, 10, 23, 24

Transceiver, 14, 47

Travel Time, 23

Trunk Lines, 4, 47

Trunk Route, 45

Twisted Pair, 12, 40

Two-in-Five Rule, 12, 21, 28

Two-Way Radios, 18, 47

TX-To-FX, 33

Unbundled Warranty, 21, 47

Uninterruptible Power Supply, 13, 47

Universal Service Fees, 23

Upgrade, 35

UPS, 13, 44, 47

Video, 4, 6, 10, 12, 14, 17, 18, 31, 32, 34, 38, 39, 40, 43, 47, 48

Video Amplifier, 17, 47

Video Channel Modulator, 17, 47

Video Components, 17, 30, 32, 35, 40, 41, 43, 47, 48

Video Conferencing, 4, 10

Video Encoder, 32

Video Service, 48

Videocassette Recorders, 18, 43, 47

Virtual Private Network, 10, 13, 48

Virtualization Software, 15, 48

Voice Compression Module, 16, 48

Voice Interface Card, 16, 48

Voice Mail Components, 15, 16, 18, 24, 48

Voice Mail Service, 24, 48

Voice Message, 42

Voice/Fax Network Module, 14, 48

Voice/Video over IP, 13, 48

VoIP Telephony Equipment, 16

VPN, 48

WAN, 28, 49

Warranty, 23

Web Casting, 10, 49

Web Hosting, 9, 49

Web Meetings, 10

Web Server, 14, 49

Web Site Creation Fee, 10, 49

Webmail, 9

Wide Area Network, 4, 8, 28, 32, 49

**TAB 3**

## Schools and Libraries Universal Service Description of Services Requested and Certification Form 470

Estimated Average Burden Hours per Response: 3 hours

This form is designed to help you describe the eligible services you seek so that this data can be posted on the Fund Administrator Internet Site and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this form.

Form 470 Application Number: 499340001045202	Applicant's Form Identifier: FY13-470 CML
Application Status: CERTIFIED	Posting Date: 09/17/2012
Allowable Contract Date: 10/15/2012	Certification Received Date: 09/18/2012

### Block 1: Applicant Address and Information

**1** Name of Applicant:  
COLUMBUS METROPOLITAN LIBRARY

**2** Funding Year: 2013 (Funding years run from July 1 through the following June 30)

**3** Entity Number: 129176

**4a** Street Address, P.O.Box, or Route Number:

96 S GRANT AVE

City: COLUMBUS State: OH Zip Code: 43215 -4702

**4b** Telephone Number: (614) 645 -2275

**4c** Fax Number: (614) 849 -1133

**5a** Eligible Entities That Will Receive Services:

Check the ONE choice in 5a that best describes the eligible entities that will receive the services described in this form. You will then list in Item 15 the entity/entities that will pay the bills for these services.

- ☐ Individual School (individual public or non-public school)
- ☐ School District (LEA; public or non-public [e.g., diocesan] local district representing multiple schools)
- ☒ Library (including library system, library outlet/branch or library consortium as defined under LSTA)
- ☐ Consortium (intermediate service agencies, states, state networks, consortia of schools and/or libraries)
- ☐ Statewide application for (enter 2-letter state code)
- representing (check all that apply)
- ☐ All public schools/districts in the state
- ☐ All non-public schools in the state
- ☐ All libraries in the state

**5b** Recipient(s) of Services - Check all that apply:

- ☒ Private ☐ Public ☐ Charter
- ☐ Tribal ☐ Head Start ☐ State Agency

**5c** Number of eligible entities for which services are sought: 22

### Block 1: Applicant Address and Information (continued)

**6a** Contact Person's Name:

Greg Spencer

If the Contact Person's Street Address is the same as Item 4a above, check here. ☐ If not, complete Item 6b.

**6b** Street Address, P.O.Box, or Route Number:

NOTE: USAC will use this address to mail correspondence

7512 Tottenham Place

City: New Albany State: OH Zip Code: 43054

Check the box next to your preferred mode of contact and provide your contact information. One box MUST be checked and an entry provided.

☐ **6c** Telephone Number: (614) 989 -5399

☐ **6d** Fax Number: (614) 882 -2556

☒ **6e** E-Mail Address: wgs003@gmail.com

Re-enter E-mail Address: wgs003@gmail.com

If a consultant is assisting you with your application process, please complete Item 7 below:

**7** Consultant Name: WGS Consulting

Name of Consultant's Employer: WGS Consulting

Consultant's Street Address: 7512 Tottenham Place

City: New Albany State: OH Zip Code: 43054

Consultant's Telephone Number: (614) 989-5399 Ext.

Consultant's Fax Number: (614) 882-2556

Consultant's E-mail Address: wgs003@gmail.com

Re-enter E-mail Address: wgs003@gmail.com

Consultant Registration Number: 16062188

Entity Number: 129176	Applicant's Form Identifier: FY13-470 CML
Contact Person: Greg Spencer	Phone Number: (614) 989-5399

### Block 2: Summary Description of Needs or Services Requested

**8** Telecommunication Services

If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

- a ☒ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: [www.columbuslibrary.org](http://www.columbuslibrary.org)  
 or via (check one) ☐ the contact person in Item 6 or ☐ the contact person listed in Item 12

Your RFP Identifier: CML #12-024

- b ☐ NO, I have not released and do not intend to release an RFP for these services.

Service	Quantity and/or Capacity
VoIP - See RFP	Minimum 21 Library Branches and Administrative Offices
Telephone Services	Minimum 21 Library Branches and Administrative Offices
Telephone Services - Long Distance	Minimum 21 Library Branches and Administrative Offices
Telephone Services - Components	Minimum 21 Library Branches and Administrative Offices
Telephone Services - Cellular	Minimum 80-125 Units
Telephone Services - Wireless with Data Capability	Minimum 20-50 Units

#### 9 Internet Access

If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

- a ☒ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: [www.columbuslibrary.org](http://www.columbuslibrary.org)  
 or via (check one) ☐ the contact person in Item 6 or ☐ the contact person listed in Item 12

Your RFP Identifier: CML #12-024

- b ☐ NO, I have not released and do not intend to release an RFP for these services.

Whether you check YES or NO, you must list below the Internet Access services you seek. Specify each service (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users).

Service	Quantity and/or Capacity
VoIP - See RFP	Minimum 21 Library Branches and Administrative Offices
Internet Access Service	Administrative Offices
Wireless Service with Data Capability	Minimum 20-50 Units
Web Hosting-Domain Name Registration	20-30 Units

Entity Number: 129176		Applicant's Form Identifier: FY13-470 CML	
Contact Person: Greg Spencer		Phone Number: (614) 989-5399	
<b>10 Internal Connections Other Than Basic Maintenance</b>			
<i>If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.</i>			
<b>a</b> <input checked="" type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: <a href="http://www.columbuslibrary.org">www.columbuslibrary.org</a> or via (check one) <input type="checkbox"/> the contact person in Item 6 or <input type="checkbox"/> the contact person listed in Item 12 Your RFP Identifier: CML #12-024			
<b>b</b> <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services. Whether you check YES or NO, you must list below the Internal Connections services you seek. Specify each service (e.g., a router, hub and cabling) and quantity and/or capacity (e.g., connecting 1 classroom of 30 students).			
Service		Quantity and/or Capacity	
VoIP System Components - See RFP		Minimum 21 Library Branches and Administrative Offices	
<b>11 Basic Maintenance of Internal Connections</b>			
<i>If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.</i>			
<b>a</b> <input type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: or via (check one) <input type="checkbox"/> the contact person in Item 6 or <input type="checkbox"/> the contact person listed in Item 12 Your RFP Identifier:			
<b>b</b> <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services. Whether you check YES or NO, you must list below the Basic Maintenance services you seek. Specify each service (e.g., basic maintenance of routers) and quantity and/or capacity (e.g., for 10 routers).			

<b>Entity Number:</b> 129176	<b>Applicant's Form Identifier:</b> FY13-470 CML
<b>Contact Person:</b> Greg Spencer	<b>Phone Number:</b> (614) 989-5399

**12 (Optional)** Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This person does not need to be the contact person(s) listed in Item 6 nor the Authorized Person who signs this form.

Name:  
Deb Czycalla

Title:  
Finance Coordinator

Telephone Number: (614) 849 - 1033

Fax Number: (614) 839 - 1133

Email Address: dczycalla@columbuslibrary.org

Re-enter E-mail Address: dczycalla@columbuslibrary.org

**13** ☐ Check this box if there are any restrictions imposed by state or local laws or regulations on how or when service providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures and/or provide an Internet address where they are posted and a contact name and telephone number.

☒ Check this box if no state and local procurement/competitive bidding requirements apply to the procurement of services sought on this Form 470.

If you are requesting services for a funding year for which a Form 470 cannot yet be filed online, include that information here.

---

**Block 3:**

14. [Reserved]

---

<b>Entity Number:</b> 129176	<b>Applicant's Form Identifier:</b> FY13-470 CML
<b>Contact Person:</b> Greg Spencer	<b>Contact Phone Number:</b> (614) 989-5399

**Block 4: Recipients of Service**

**15 Billed Entities**

List the entity/entities that will be paying the bills directly to the provider for the services requested in this form. These are known as Billed Entities. At least one line of this item must be completed. If a Billed Entity cited on your FCC Form 471 is not listed below, funding may be denied for the funding requests associated with this FCC Form 470. Attach additional pages if needed.

Entity Number	Entity Name
129176	COLUMBUS METROPOLITAN LIBRARY

---

<b>Entity Number:</b> 129176	<b>Applicant's Form Identifier:</b> FY13-470 CML
<b>Contact Person:</b> Greg Spencer	<b>Contact Phone Number:</b> (614) 989-5399

**Block 5: Certifications and Signature**

**16** I certify that the applicant includes: (Check one or both.)

a ☐ 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; and/or

b ☒ libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools (including, but not limited to elementary and secondary schools, colleges, and universities).

**17** ☒ I certify that, if required by Commission rules, all of the individual schools and libraries receiving services under this form are covered by technology plans that do or will cover all 12 months of the funding year, and that have been or will be approved by a state or other authorized body, or an SLD-certified technology plan approver, prior to the commencement of service.

☐ Or I certify that no technology plan is required by Commission rules.

**18** ☒ I certify that I will post my FCC Form 470 and (if applicable) make any applicable RFP available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

**19** ☒ I certify that I will retain required documents for a period of at least five years after the last day of service delivered. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.

**20** ☒ 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 form have not received anything of value or a promise of anything of value, 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.

**21** ☒ I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing 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 I have considered what financial resources should be available to cover these costs.

**22** ☒ I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

**23** ☒ I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may 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.

**24** ☒ 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.

---

<b>Entity Number:</b> 129176	<b>Applicant's Form Identifier:</b> FY13-470 CML
<b>Contact Person:</b> Greg Spencer	<b>Contact Phone Number:</b> (614) 989-5399

<b>25</b> Signature of authorized person: <input checked="" type="checkbox"/>	<b>26</b> Date: 09/18/2012
---	----------------------------

**27a** Printed name of authorized person:

Dewitt Harrell

**27b** Title or position of authorized person:

Fiscal Officer

☐ Check here if the consultant in Item 7 is the Authorized Person.**27c** Street Address, P.O. Box, Route Number, City, State, Zip Code:

96 South Grant Avenue

City: Columbus

State: OH

Zip Code: 43215

**27d** Telephone Number of Authorized Person:

(614) 849-1021

**27e** Fax Number of Authorized Person:

(614) 849-1121

**27f** E-mail Address of Authorized Person:

dharrell@columbuslibrary.org

Re-enter E-mail Address:

dharrell@columbuslibrary.org

**27g** Name of Authorized Person's Employer:

Columbus Metropolitan Library

Service provider involvement with preparation or certification of an FCC Form 470  
can taint the competitive bidding process and result in the denial of funding requests.  
For more information, refer to the Schools and Libraries area of the USAC web site at  
[www.usac.org/sl](http://www.usac.org/sl) or call the SLD Client Service Bureau at 1-888-203-8100.



Entity Number: 129176	Applicant's Form Identifier: FY13-470 CML
Contact Person: Greg Spencer	Phone Number: (614) 989-5399

NOTICE: In accordance with Section 54.503 of the Federal Communications Commission's rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503(c). 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 competitive bidding requirement contained in 47 C.F.R. § 54.503. 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 this application 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 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, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

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 may delay processing of your application or may return your form 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 3 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.

FCC Form 470  
October 2010[New Search](#)[Return To Search Results](#)

**TAB 4**

Source: Communications Cases > Federal Communications Commission > Schools and Libraries  
Universal Service Support Mechanism Eligible Services List (FCC 2013)

## **Schools and Libraries Universal Service Support Mechanism Eligible Services List (FCC 2013)**

28 FCC Rcd 14534  
Schools and Libraries Universal Service Support Mechanism Eligible Services List  
DA 13-2037  
Federal Communications Commission  
CC Docket No. 02-6; GN Docket No. 09-51  
October 22, 2013  
28 FCC Rcd. 14534

Schools and Libraries Universal Service Support Mechanism Eligible Services List

### **Opinion**

***Released: October 22, 2013***

The Federal Communications Commission's (FCC's) rules provide that all services that are eligible for to receive discounts under the Schools and Libraries Universal Service Support Mechanism (otherwise known as the E-rate program or "E-rate") are listed in this Eligible Services List (ESL). The E-rate program is administered by the Universal Service Administrative Company (USAC).

### ***Background:***

The E-rate program provides eligible schools and libraries discounts for Eligible Services and products. Consistent with prior years, in each category the ESL first lists the services and products that are eligible for funding, and then lists the services and products that are not eligible for funding. E-rate funds are allocated according to rules of priority. Requests for telecommunications services, telecommunications, and Internet access services have first priority for funding; the ESL lists these services in the "Priority One" section. Requests for support for internal connections and basic maintenance of internal connections are eligible for the funding that remains after priority one requests are funded; the ESL lists these services in the "Priority Two" section. There is also a Miscellaneous section, a Special Eligibility Conditions section, and a Glossary, providing additional information and definitions for many of the terms used herein.

***Note on FCC Form 471.*** For Block 5 of the FCC Form 471, for Priority One services, applicants must indicate the services they select as a Priority One Telecommunications Service or Priority One Internet Access. If an applicant selects Telecommunications Services, the service must be provided by a "telecommunications carrier" (see "Special Regulatory Requirements" in the Special Eligibility Conditions section below). After an applicant has complied with E-rate competitive bidding requirements and selected its vendors, it may consult with each vendor for assistance with Block 5 of the FCC Form 471 to accurately describe the service the vendor will be providing.

***Administrative Convenience.*** Some service offerings provide a combination of both Internet access and telecommunications services, which are Priority One services. For example, a service provider may offer local phone service, long distance service, and Internet access for one price. For administrative convenience, applicants may request combined offerings of service in the Internet access category of service on the FCC Form 471, or, if the service will be provided by a telecommunications carrier, applicants may request such combined offerings in the telecommunications services category of service on the FCC Form 471. Alternatively, applicants may request funding as two separate requests, allocating

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

the price of the offering appropriately between the telecommunications services and Internet access categories.

CIPA Reminder. Applicants that request funding for Internet access service in the telecommunications services category are still required to comply with the Children's Internet Protection Act (CIPA).

Additional information about eligibility requirements is available at USAC's website at <http://www.usac.org/sl/>, the reference area of the USAC website at <http://www.usac.org/sl/tools/reference-area.aspx>, and in Schools and Libraries News-briefs available at <http://www.usac.org/sl/tools/news-briefs/Default.aspx>. These documents are not incorporated by reference into the Eligible Services List. This ESL, dated October 22, 2013, may represent a change from prior funding years and applies to funding requests for Funding Year 2014.

Priority One	
This section lists the Priority One telecommunications services, telecommunications, and Internet access services for which E-rate applicants may seek discounts.	
Support is also available for maintenance and technical support appropriate to maintain reliable operation when provided as a component of these services. Please see the <u>Miscellaneous</u> section of this document for additional entries applicable to these services, such as charges for installation and configuration.	
Function	Description
Digital Transmission Services	<p>Digital transmission services provide transmission from an eligible school or library facility to other locations beyond the school or library. Such services generally refer to data links that connect multiple points using any available technology. An eligible digital transmission service may be used to connect an eligible location to the Internet or <u>Internet2</u>. Digital transmission services used to link local networks are commonly called "wide area networks" (WANs).</p> <p>Eligible digital transmission technologies include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• <u>Asynchronous Transfer Mode (ATM)</u></li> <li>• <u>Broadband over Power Lines (BPL)</u></li> <li>• <u>Digital Subscriber Line (DSL)</u></li> <li>• <u>DS-1, DS-3</u></li> <li>• <u>Ethernet</u></li> <li>• <u>Fiber</u></li> <li>• <u>Frame Relay</u></li> <li>• <u>Integrated Services Digital Network (ISDN, BRI, PRI)</u></li> <li>• <u>OC-1, OC-3, OC-12, OC-n</u></li> <li>• <u>Satellite service</u></li> <li>• <u>Switched Multimegabit Data Service (SMDS)</u></li> <li>• <u>T-1, T-3, Fractional T-1</u></li> <li>• <u>Wireless</u></li> </ul> <p>Components required as an integral part of a digital transmission service are eligible for discount, such as:</p> <ul style="list-style-type: none"> <li>• costs of a <u>permanent virtual circuit (PVC)</u></li> <li>• costs of <u>trunk lines</u></li> <li>• reasonable installation costs</li> </ul>

	<p>-The telecommunications component of:</p> <ul style="list-style-type: none"> <li>• a distance learning capability</li> <li>• video, or</li> <li>• interactive television, is eligible for discount.</li> </ul> <p>In addition, the telecommunications component of voice or video <u>conferencing services</u> that provide a means for multiple users to participate in group discussions may be eligible if the services are limited only to eligible educational or library purposes.</p>
E-mail Service	<p><u>E-mail service</u> is eligible. E-mail service may be included in the cost of Internet access (listed above) or may be provided at a separate cost, either as a fixed charge and/or on a per-user or other basis.</p> <p>Some e-mail services may include substantial ineligible features, such as collaboration tools, and services to ineligible users. Funding is limited strictly to the eligible portion of an electronic mail service (<i>i.e.</i>, the part of the service that provides for the transmission of text messages and other information). <u>E-mail archiving</u> is not eligible for discount.</p>
Fiber or Dark Fiber	<p><u>Lit or dark fiber</u>, provided by any entity, including a non-telecommunications carrier, is eligible. Dark fiber is eligible as long as applicants light the fiber immediately.</p> <p><u>Lit fiber</u> - For leased lit fiber, monthly charges, special construction and maintenance charges are eligible. When lit fiber is leased as a Priority One service, the modulating electronics can be included as a part of that <b>Eligible Service</b>.</p> <p><u>Dark fiber</u> - From the eligible entity up to the property line, maintenance costs of leased dark fiber and special construction costs to connect the fiber are eligible. Beyond the eligible entity's property line, monthly charges are eligible and maintenance provided as a component of leased dark fiber to maintain reliable operation is eligible. If other customers are served by the leased dark fiber, the costs of maintenance should be shared among all recipients. Re-routing of fiber is considered construction not maintenance. An Indefeasible Rights of Use (IRUs) purchase arrangement will be considered a lease of dark fiber for E-rate program purposes. If the IRU contains significant upfront charges, the charges may need to be amortized.</p> <p>USAC's <u>Wide Area Network Fact Sheet</u> provides further details about amortization requirements when non-recurring charges vastly exceed monthly recurring charges.</p> <p>Funding requests for fiber must be submitted in the <u>Internet Access</u> category of service if the service will not be provided by a telecommunications carrier.</p>
Interconnected Voice Over Internet Protocol	<p>Costs to subscribe to <u>interconnected Voice Over Internet Protocol</u> (VoIP) are generally eligible for E-rate discounts.</p>
Internet Access	<p>Support in this funding category is generally only available for <b>basic conduit access to the Internet</b> but is not available for</p>

	<p>content, equipment purchased by applicants, and services beyond basic conduit access to the Internet. Basic conduit access to the Internet may be used for access to Internet-based distance learning and video conferencing services. Basic conduit access technologies include but are not limited to:</p> <ul style="list-style-type: none"> <li>• <u>Broadband over Power Lines (BPL)</u>-enabled Internet access service</li> <li>• <u>Cable Modem</u></li> <li>• <u>Digital Subscriber Line (DSL)</u></li> <li>• <u>Fiber/Dark Fiber</u></li> <li>• <u>Satellite service</u></li> <li>• <u>Telephone dial-up</u></li> <li>• <u>T-1 lines</u></li> <li>• <u>Wireless</u> (For more details see the entry for "<u>Wireless Internet access</u>")</li> </ul> <p>Eligible Internet access may include features typically provided for when provided as a standard component of a vendor's Internet access service. Such features may include: <u>Domain Name Service</u>, <u>Dynamic Host Configuration</u>, and basic <u>firewall</u> protection against unauthorized use and access. Firewall protection may not be provided by a vendor other than the Internet access provider and may not be priced out separately.</p> <p>A <u>Wide Area Network</u> can be eligible for funding as a part of Internet access if the service is limited to basic conduit access to the Internet.</p>
Paging	<p><u>Paging</u> services are eligible when integral, immediate, and proximate to the education of students.</p>
Telephone Service	<p>Costs to subscribe to a telephone service are generally eligible for discount, including the costs for the following telephone services:</p> <ul style="list-style-type: none"> <li>• <u>800 service</u>, e.g., a toll-free telephone number for students to contact school regarding questions about homework</li> <li>• <u>Centrex</u></li> <li>• <u>Local phone service</u></li> <li>• <u>Long distance telephone service</u></li> <li>• <u>POTS</u> ("Plain Old Telephone Service")</li> <li>• <u>Radio loop</u></li> <li>• <u>Satellite</u></li> <li>• <u>Wireless telephone services</u>, e.g., <u>cellular service</u> and Personal Communications Services (PCS)</li> <li>• See the Internet Access category for the eligibility of <u>Wireless Internet access/e-mail</u> plans for portable electronics</li> <li>• <u>Shared telephone service</u> (only that portion of the shared service relating to the eligible use and location may receive discounts)</li> </ul> <p>Various payment options may be used with these Eligible Services, and phone bills may include billing terms, such as, <u>flat rate</u>, <u>local measured service</u>, and <u>message rate service</u>. <u>Phone calling cards</u></p>

	<p>available telecommunications services.</p> <p><u>Telecommunications</u>: Supported telecommunications can be provided in whole or in part via <u>lit or dark fiber</u> by any entity, including non- telecommunications carriers. Telecommunications is defined as “the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received.”</p> <p><u>Internet access</u>. If the applicant seeks <u>Internet access</u>, support will generally be available only for basic conduit access to the Internet. “Internet access” is defined in section 54.5 of the FCC's rules. Some Internet access services may include features that are not themselves eligible, such as specialized content, caching services, and/or filtering services. In general, funding requests that provide only a single price for a product or service that contains both eligible and ineligible functionality are fully ineligible. However, cost allocation may be used to provide separate pricing for the eligible and ineligible components.</p>
Two-in-Five Rule	<p>The “<u>Two-in-Five Rule</u>” allows each eligible entity to obtain support for Internal Connections funding requests every two out of five years. This limitation applies only to Internal Connections and not to requests appropriately categorized as Telecommunications Services, Internet Access, or Basic Maintenance of Internal Connections.</p>
Wide Area Networks	<ul style="list-style-type: none"> <li>• <u>WAN Restriction</u>. WANs cannot be built or purchased using E-rate support but WAN facilities may be leased.</li> <li>• <u>Lease of Wide Area Network Infrastructure</u>. Facilities that provide a <u>Wide Area Network</u> may be leased by applicants as a Priority One service. Limitations apply to the reimbursements that are available for initial implementation costs (leased equipment and its installation) of service provider infrastructure. The <u>Wide Area Network Fact Sheet</u> has further details about exclusive access limitations, amortization requirements, and other eligibility conditions for lease of Wide Area Network functionality.</li> <li>• <u>WAN Versus LAN Components (On-Premise Priority One Equipment)</u>. For data and other networks, the distinction between <u>Wide Area Network (WAN)</u> functionality and <u>Local Area Network (LAN)</u> functionality is important. FCC rules establish a rebuttable presumption that a connection does not constitute an Internal Connection if it crosses a public right of way. In order to determine what may be properly funded as Internal Connections, a demarcation point between a Wide Area Network service and the Local Area Network components must be established. This approach is described more</li> </ul>

fully in the web document On-premise Priority 1 Equipment located in the SLD Reference Area of the USAC web site.

### Glossary

800 Service (Telephone Service)	800 Service provides toll calling that is paid by the called party rather than the calling party. The name comes from the original Area Code used for all toll-free numbers. Current and future "800 Service" area codes use the convention 8NN, when N is a specific digit, for example 888, 877, and 866.
900/976 Call Blocking (Telephone Service Components)	Call Blocking is a monthly or recurring telephone company charge for the blocking of calls, such as to 900 or 976 numbers. The blocking prevents callers from completing calls to 900 or 976 numbers.
900/976 Charges (NOT Eligible for Funding as Telecommunications Services)	"900" is an area code used to reach a wide range of information providers. Examples of the information that may be provided via a 900 number are adult content programming, weather reports, lottery results, or caller voting for various topics such as television polls. 900 service calls are charged to the party originating the call. Charges for accessing 900 calls are often included in the toll charges on the local telephone bill. 976 service provides a local, pay-per-call telephone service.
911/E911 Trunks/Lines (Telephone Service)	911 and E911 trunks or lines are dedicated telecommunications links specifically or exclusively used for connection between a school/library and a Public Safety Answering Point (PSAP).
Access Point (Data Distribution)	An Access Point is a base station in a wireless LAN. Access points are typically stand-alone devices that may plug into an Ethernet hub or server or may provide a repeater function for wireless networks.
Alarm Telephone Line (Telephone Service)	An alarm telephone line is a telecommunications line specifically dedicated to a school or library burglar or fire alarm system. It may be the equivalent of a POTS line or a dedicated line between the school or library and the alarm company.
Antennas (Interfaces)	An antenna is a device for transmitting and/or receiving radio frequency signals.
Application Software (Not Eligible for E-rate Funding as Internal Connections Components)	Application software applies to software accessed directly by end users, such as word processors, spreadsheets, utility, anti-virus, and graphics programs.
Asbestos Removal (Not Eligible for E-rate)	Some older buildings were constructed using products that contain asbestos, which has been



<u>Funding as Internal Connections Components)</u>	determined to be harmful to health. Renovations and installations in such buildings require special treatment, such as, asbestos removal.
Asynchronous Transfer Mode (ATM) ( <u>Digital Transmission Services</u> )	ATM is a high-speed Digital Transmission Service that can provide bandwidth of 622 Megabits per second or higher.
Automatic Call Distribution System (ACD) ( <u>Telephone—Ineligible</u> )	An Automatic Call Distribution (ACD) system, typically used with a PBX, provides a means of automatically distributing calls evenly on a next available agent basis, so that productivity is maintained and inbound calls are handled efficiently. The system also allows the monitoring of operation on a real-time basis. Additionally, some systems compile historic reports that may enable better utilization of resources for handling incoming calls.
Automatic Route Selection (ARS) ( <u>Telephone Components</u> )	Automatic Route Selection (ARS) is a PBX and Centrex service that allows for automatic selection of the most efficient and cost-effective route. It may also be referred to as “least cost routing”. By using the ARS feature, outgoing phone calls from PBX and Centrex stations are routed to the most cost-efficient service or facilities.
Bridge ( <u>Interfaces</u> )	A bridge is a data communications device that connects two or more network segments, often translating information from one type of network protocol to another.
Broadband over Power Lines (BPL) ( <u>Digital Transmission Services</u> ) ( <u>Internet Access</u> )	Broadband over Power Lines (BPL) is a carrier current system installed and operated on an electric utility service as an unintentional radiator that sends radio frequency energy on frequencies between 1.705 MHz and 80 MHz over medium voltage lines or low voltage lines to provide broadband communications. It is also located on the supply side of the utility service's points of interconnection with customer premises.
Broadcast and Cable Television Equipment ( <u>Video Components—Ineligible</u> )	Broadcast/cable equipment applies to equipment used in the transmission or receipt of broadcast TV, broadcast radio, broadcast satellite, or cable television service.
Broadcast “Blast” Messaging ( <u>NOT Eligible for Funding as Telecommunications Services</u> )	Broadcast “Blast” Messaging is a service that allows for a message to be created and delivered to a user defined group typically via voice or text message.
Cable Modem ( <u>Internet Access</u> ) ( <u>Interfaces</u> )	A cable modem is a modem designed for use on a TV coaxial cable circuit and provides a high-speed data path. It can provide high-

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

Custom Calling Services (Telephone Service Components)	Custom calling services extend the features available with telephone service. Features available include (but are not necessarily limited to) call waiting, 3-way calling, speed calling, distinctive ring, and call forwarding.
Dark Fiber Service (Dark Fiber)	Dark fiber refers to fiber optic cable for which the service provider has not provided modulating electronics.
Digital Subscriber Line (DSL) (Telecommunications/Internet Access)	Digital Subscriber Line (DSL) is a technology that provides high-speed connections over telephone lines. Different types of DSL service are available, using descriptions such as ADSL, HDSL, and SDSL. The DSL family of technologies sometimes goes by the general name xDSL.
Direct Broadcast Satellite (DBS) (Ineligible Telecommunications)	Direct Broadcast Satellite (DBS) is a technology that uses satellite to transmit TV programs to subscribers. The transmitted signals are received using individual rooftop antennas. Program reception of the subscriber is limited to those channels broadcast by a specific provider.
Direct Inward Dialing (DID) (Telephone Service Components)	Direct Inward Dialing (DID) service allows outside calls to be directed to a Private Branch Exchange station line without the use of an operator.
Directory Advertising (NOT Eligible for Funding as Telecommunications Services)	Directory Advertising is advertising in a telephone directory yellow pages, Internet, or elsewhere. This may be provided by the telephone company or another entity.
Directory Assistance Charges (Telephone Service)	Directory Assistance Charges are those charges assessed for calls made to 411 or other Directory Assistance numbers such as (201) 555-1212 for information. Typically charges are assessed on a per call basis.
Directory Listings (NOT Eligible for Funding as Telecommunications Services)	A telephone company directory contains an alphabetical listing, by name, of all telephone subscribers (except those requesting unlisted or non-published service). Typically, the initial directory listing is provided free of charge to the subscriber, but extra-cost services are available, such as additional listings, unlisted or non-published numbers, and bolded entries.
Disaster Recovery (Not Eligible for E-rate Funding as Internal Connections Components)	Disaster recovery describes a means of restoring service to a computer network that has suffered a disaster. Such costs may include the rental of a site that houses links and equipment that is modeled after the damaged network.
Distance Learning (Digital Transmission Services)	Distance Learning utilizes video and audio technologies to allow students who are remotely located from other students or the

	lecturer to participate interactively with the class.
Documentation (Other Eligible Internal Connections Components)	Documentation includes support material provided in the form of paper or electronic media. It may include diagrams, blueprints, equipment specifications, or instruction manuals for services and products.
Domain Name Registration (Internet - Related Services)	A Domain Name indicates an address of location on the Internet. For the e-mail address portion of a symbolic abc@xyz.org, the domain name is xyz.org. Domain Name Registration is the registering of the name and the charge associated with the registration process.
Domain Name Service (DNS) (Internet Access) (Servers)	Domain names, such as <a href="http://www.fcc.gov">www.fcc.gov</a> , are alphabetic, so they are easier to remember than the IP addresses on which the Internet is based. A Domain Name Service translates the alphabetical names input by users into the IP addresses used by Internet devices.
DS-1 (Digital Transmission Services)	DS-1 is a type of Digital Transmission Service, and stands for "Digital Signal, level 1." It operates at a bandwidth of 1.544 megabits per second. Other DS levels—DS-2, DS-3, and DS-4—operate at higher bandwidths.
Duplicative Services (Other Miscellaneous Ineligible Components)	Duplicative services are those that deliver the same functionality, to the same population, in the same location, during the same period of time.
Dynamic Host Configuration Protocol (DHCP) (Internet Access) (Servers)	Standard networks need each computer to have a unique address for communication to occur. Dynamic Host Configuration Protocol (DHCP) is a system that provides this unique address from a central computer so that each individual computer does not need to be separately configured.
E911 Reader Board (Telephone)	The E911 Reader Board is adjunct hardware for a PBX and is used to access E911 Emergency service.
Electrical System Upgrades (Not Eligible for E-rate Funding as Internal Connections Components)	Electrical system upgrades refer to products and services that provide, upgrade, or enhance the provision of electrical power.
E-mail (Software) (Servers)	E-mail stands for "electronic mail." E-mail or electronic mail, is a system for sending text messages and other information across a network.
E-mail Archiving (E-mail) (Servers) (Storage Devices)	E-mail archiving is a form of electronic recordkeeping that often includes compressing e-mail files to make greater inbox space available.

E-mail Service (E-mail)	An e-mail service provides for the transmission of text messages and other embedded data such as file attachments. It also enables the transmission of messages over a local network or the Internet.
Enhanced Multimedia Interface (EMMI) (Video Components)	The EMMI is an interface that gives PC and workstation users on ATM networks the ability to send and receive full-motion, high quality video, CD quality stereo and high speed data. Signals are transformed into ATM cells and transported optically, using the Synchronous Optical Network (SONET) standard.
Environmental Monitoring Components (Not Eligible for E-rate Funding as Internal Connections Components)	Environmental monitoring components provide information about heat, humidity, or other factors in order to provide a warning system for conditions that may affect the correct operation of equipment. For example, an environmental monitoring card is sometimes available as an optional feature of an uninterruptible power supply and is used to monitor the environmental conditions of a rack, computer room, or data center.
Ethernet (Digital Transmission Services)	Ethernet is a type of Digital Transmission Service. Traditionally, Ethernet operates at a bandwidth commonly known as 10Base-T which is equivalent to 10 megabits per second (Mb/s). 100Base-T at 100 Mb/s and Gigabit (1,000Mb/s) are also available.
Faceplates (Cabling)	Faceplates are covers that fit over a jack, outlet, or dial.
Failover (Other Miscellaneous Ineligible Components)	Failover is generally a component or service which is activated if the primary component or service loses its capability to function.
Fax Machine (Not Eligible for E-rate Funding as Internal Connections Components)	A facsimile, or fax, machine is a device in which the image of a document is electronically transferred over the telephone network and printed out elsewhere.
Fiber Optics or Fiber (Digital Transmission Services)	Fiber Optics is a technology that uses light to transport information and can provide a Digital Transmission Service.
Filtering Service (Not Eligible for E-rate Funding as Internet Access Services)	A filtering service protects users from dangerous or inappropriate content most often by selectively blocking certain words or certain Internet sites.
Firewall (Internet Access) (Data Protection) (Servers)	A firewall is a hardware and software combination that sits at the boundary between an organization's network and the outside world, and protects the network against unauthorized access or intrusions.

	is sometimes included in regular monthly bills for local and long distance telephone services.
Integrated Services Digital Network ( <u>Digital Transmission Services</u> )	Integrated Services Digital Network (ISDN) is a type of Digital Transmission Service that uses traditional phone lines to transmit digital voice and data over telephone lines. There are two types of service. Basic Rate Interface (BRI) provides a total bandwidth of 144 kilobits per second. Primary Rate Interface (PRI) provides a total bandwidth of 1.544 megabits per second.
Interactive Television ( <u>Digital Transmission Services</u> )	Interactive TV (ITV) provides a means for a viewer to interact with the television set in ways other than controlling the channels, volume, and/or handling videotapes. In an educational setting, such as in a school, ITV provides a means for teachers and students who are remotely located in different places to conduct a class and to interact with each other. ITV also requires a special "set-top box" to be added to the existing television set.
Interactive White Board ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	An Interactive White Board is a device that allows for end-users to display information with a vast array of interactive features such as online annotation, the ability to control a personal computer, and distance learning.
Intercom ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	An intercom is an internal communication system, originally consisting of multiple speaker/microphone devices connected into an amplifier system. Currently, most intercoms are a part of telephone systems, although separate intercom systems continue to be used in many schools.
Interconnected Voice over Internet Protocol ( <u>Interconnected VoIP</u> ) ( <u>Telephone Service</u> ) ( <u>Internet - Related Services</u> )	Interconnected VoIP is defined as a service that (1) enables real-time, two-way voice communications; (2) requires a broadband connection from the user's location; (3) requires Internet protocol-compatible customer premises equipment (CPE); and (4) permits users generally to receive calls that originate on the public switched telephone network and to terminate calls to the public switched telephone network.
Interface/Edge Device ( <u>Interfaces</u> )	An Interface or Edge Device is a physical device that can pass packets between some types of networks and an <u>Asynchronous Transfer Mode</u> (ATM) network. The device may be a router or Ethernet-to-ATM switch that directly connects to an ATM network.
Internet Access ( <u>Internet Access</u> )	The definition of Internet access comes from section 54.5 of the FCC's rules which states that Internet access includes the following elements: 1) The transmission of information as common carriage; (2) The transmission of

	information as part of a gateway to an information service, when that transmission does not involve the generation or alteration of the content of information, but may include data transmission, address translation, protocol conversion, billing management, introductory information content, and navigational systems that enable users to access information services, and that do not affect the presentation of such information to users; and (3) Electronic mail services (e-mail).
Internet Content (Not Eligible for E-rate Funding as Internet Access Services)	Internet Content refers to all forms of information that are available on the Internet, such as text, pictures, sound recordings, animation, and video clips.
Internet2 (Not Eligible for E-rate Funding as Internet Access Services)	Internet2 is a consortium of universities, industry, and government members that develop and deploy advanced network applications and technologies.
Intrusion Detection/Intrusion Prevention (Ineligible Internal Connections Components)	Intrusion Detection/Intrusion Prevention functions in addition to firewalls to monitor, detect, and deter threats to a network from external and internal attacks.
Key System (KSU) (Telephone Components)	A Key System, also known as Com Key System or a KSU, is a type of phone system that permits more than one telephone line, PBX extension, private line, or intercom line to appear on a single telephone.
KVM Switch (Servers)	A keyboard-video-mouse (KVM) switch is a switchbox that is used to control two or more computers from a single keyboard, monitor, and computer mouse.
Laptop / Notebook Computer (Servers—Ineligible)	A laptop or notebook computer is a lightweight, portable computer designed for mobility.
Lightning Arrestor (Data Protection—Ineligible)	A lightning arrestor is a device that protects equipment from lightning strikes and static.
Lit Fiber (Telecommunications)	Lit fiber refers to fiber optic cable for which the service provider provides modulating electronics to light the fiber.
Local Area Network (Data Distribution)	A Local Area Network (LAN) is a short distance data communications network used to link together computers and peripheral devices under some form of standard control. The LAN is most often connected by cabling or wireless links within the same building. A LAN consists of several components, including cabling, servers, computer workstations, network



	switchboard or attendant console may include Direct Station Selection (DSS), which provides an easy means for transferring calls.
Switched Multimegabit Data Service (SMDS) ( <u>Digital Transmission Services</u> )	Switched Multimegabit Data Service (SMDS) is a type of Digital Transmission Service offered by telephone companies that operates at speeds of from 1.544 Megabits per second to 45 Megabits per second or even more.
System Improvements and Upgrades ( <u>Other Eligible Internal Connections Components</u> )	A system improvement or upgrade provides enhanced functionality to an existing product or configuration of products.
T-1 ( <u>Digital Transmission Services</u> )	T-1, which stands for Trunk Level 1, is a Digital Transmission Service that operates at 1.544 Megabits per second. Greater speeds are available from other Trunk Levels, such as T-2 (6.312 Mbps) or T-3 (44.736 Mbps). Slower speeds are known as Fractional T-1.
Tablet ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	A complete mobile computer, larger than a mobile phone or personal digital assistant, integrated into a flat touch screen and primarily operated by touching the screen. It often uses an onscreen virtual keyboard or a digital pen rather than a physical keyboard.
Tape Backup ( <u>Data Protection</u> )	Tape Backup units provide copies of computer files on magnetic tape, for protection against a catastrophic failure. Tape backup technologies include QIC, DAT, 8mm, DLT, AIT, and ADR.
Telephones ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Telephones, also known as telephone sets, telephone instruments, digital voice terminals, and voice terminals, are the end-user equipment used to transmit and receive telephone communications.
Terminal Adapter ( <u>Interfaces</u> )	A Terminal Adapter (TA) is a device that connects a computer to an external digital communications line, such as, an ISDN line.
Terminal Server ( <u>Servers</u> )	A Terminal Server is a specialized server that connects multiple terminals into a network. Traditionally, terminal servers were used to connect multiple "dumb" terminals into network resources. Today, they are also used to provide increased connectivity and performance for older computers workstations.
Termination Charges ( <u>Other Miscellaneous Ineligible Components</u> )	Termination charges are fees assessed for the removal or discontinuation of a product or service.
Test Equipment ( <u>Not Eligible for E-rate Funding as Internal Connections Components</u> )	Test Equipment is used to test hardware, software, cable continuity, telecommunications links, etc.

**TAB 5**



## Schools and Libraries Universal Service Description of Services Requested and Certification Form 470

Estimated Average Burden Hours per Response: 3 hours

This form is designed to help you describe the eligible services you seek so that this data can be posted on the Fund Administrator Internet Site and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this form.

Form 470 Application Number: 616320001137300	Applicant's Form Identifier: AMDCL-17
Application Status: CERTIFIED	Posting Date: 12/17/2013
Allowable Contract Date: 01/14/2014	Certification Received Date: 12/17/2013

**Block 1: Applicant Address and Information**

1 Name of Applicant:  
AMANDA-CLEARCREEK SCHOOL DIST

2 Funding Year: 2014 (Funding years run from July 1 through the following June 30)

3 Entity Number: 129121

4a Street Address, P.O.Box, or Route Number:  
328 EAST MAIN STREET

City: AMANDA State: OH Zip Code: 43102 -9330

4b Telephone Number: (740) 969 -7250

4c Fax Number: (740) 969 -3722

5a Eligible Entities That Will Receive Services:

Check the ONE choice in 5a that best describes the eligible entities that will receive the services described in this form. You will then list in Item 15 the entity/entities that will pay the bills for these services.

☐ Individual School (individual public or non-public school)

☒ School District (LEA; public or non-public [e.g., diocesan] local district representing multiple schools)

☐ Library (including library system, library outlet/branch or library consortium as defined under LSTA)

☐ Consortium (intermediate service agencies, states, state networks, consortia of schools and/or libraries)

☐ Statewide application for (enter 2-letter state code)  
representing (check all that apply)

☐ All public schools/districts in the state

☐ All non-public schools in the state

☐ All libraries in the state

5b Recipient(s) of Services - Check all that apply:

☐ Private ☒ Public ☐ Charter

☐ Tribal ☐ Head Start ☐ State Agency

5c Number of eligible entities for which services are sought: 5

**Block 1: Applicant Address and Information (continued)**

6a Contact Person's Name:  
Jackie Spencer

If the Contact Person's Street Address is the same as Item 4a above, check here. ☐ If not, complete Item 6b.

6b Street Address, P.O.Box, or Route Number:  
NOTE: USAC will use this address to mail correspondence  
611-G Park Meadow Rd

City: Westerville State: OH Zip Code: 43081 -2875

Check the box next to your preferred mode of contact and provide your contact information. One box MUST be checked and an entry provided.

☐ 6c Telephone Number: (614) 882 -0596

☐ 6d Fax Number: (614) 882 -2556

☒ 6e E-Mail Address: jas@smserate.com

Re-enter E-mail Address: jas@smserate.com

If a consultant is assisting you with your application process, please complete Item 7 below:

7 Consultant Name: JACKIE SPENCER

Name of Consultant's Employer: Strategic Management Solutions

Consultant's Street Address: 611-G Park Meadow Rd

City: Westerville State: OH Zip Code: 43081

Consultant's Telephone Number: (614) 882-0596 Ext. 0

Consultant's Fax Number: (614) 882-2556

Consultant's E-mail Address: jas@smserate.com

Re-enter E-mail Address: jas@smserate.com

Consultant Registration Number: 16054698

Entity Number: 129121	Applicant's Form Identifier: AMDCL-17
Contact Person: Jackie Spencer	Phone Number: (614) 882-0596

**Block 2: Summary Description of Needs or Services Requested**

8 Telecommunication Services

If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

- a ☐ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at:  
or via (check one) ☐ the contact person in Item 6 or ☐ the contact person listed in Item 12

Your RFP Identifier:

- b ☐ NO, I have not released and do not intend to release an RFP for these services.

#### 9 Internet Access

If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

- a ☐ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at:  
or via (check one) ☐ the contact person in Item 6 or ☐ the contact person listed in Item 12

Your RFP Identifier:

- b ☒ NO, I have not released and do not intend to release an RFP for these services.

Whether you check YES or NO, you must list below the Internet Access services you seek. Specify each service (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users).

Service	Quantity and/or Capacity
Internet Access services	minimum 100MB fiber connection

Entity Number: 129121	Applicant's Form Identifier: AMDCL-17
Contact Person: Jackie Spencer	Phone Number: (614) 882-0596
<b>10 Internal Connections Other Than Basic Maintenance</b>	
<p><i>If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.</i></p>	
<p>a <input type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at:</p> <p>or via (check one) <input type="checkbox"/> the contact person in Item 6 or <input type="checkbox"/> the contact person listed in Item 12</p> <p>Your RFP Identifier:</p>	
<p>b <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services.</p>	
<p>Whether you check YES or NO, you must list below the Internal Connections services you seek. Specify each service (e.g., a router, hub and cabling) and quantity and/or capacity (e.g., connecting 1 classroom of 30 students).</p>	
<hr/>	
<b>11 Basic Maintenance of Internal Connections</b>	
<p><i>If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.</i></p>	
<p>a <input type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at:</p> <p>or via (check one) <input type="checkbox"/> the contact person in Item 6 or <input type="checkbox"/> the contact person listed in Item 12</p> <p>Your RFP Identifier:</p>	
<p>b <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services.</p>	
<p>Whether you check YES or NO, you must list below the Basic Maintenance services you seek. Specify each service (e.g., basic maintenance of routers) and quantity and/or capacity (e.g., for 10 routers).</p>	
<hr/>	

<b>Entity Number:</b> 129121	<b>Applicant's Form Identifier:</b> AMDCL-17
<b>Contact Person:</b> Jackie Spencer	<b>Phone Number:</b> (614) 882-0596

12 (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This person does not need to be the contact person(s) listed in Item 6 nor the Authorized Person who signs this form.

Name:  
Karen Shull

Title:  
Technology Coordinator

Telephone Number: (740) 969 - 7482

Fax Number: (740) 969 - 7630

Email Address: Karen\_Shull@amanda.k12.oh.us

Re-enter E-mail Address: Karen\_Shull@amanda.k12.oh.us

13 ☒ Check this box if there are any restrictions imposed by state or local laws or regulations on how or when service providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures and/or provide an Internet address where they are posted and a contact name and telephone number.

☒ Check this box if no state and local procurement/competitive bidding requirements apply to the procurement of services sought on this Form 470.

If you are requesting services for a funding year for which a Form 470 cannot yet be filed online, include that information here.

All bid proposals are to be submitted to the contact person listed above in Item 12 of this 470 Form. Potential bidders are reminded of the E-Rate program requirement to provide the Lowest Corresponding Price (LCP) to E-Rate applicants.

---

**Block 3:**

14. [Reserved]

---

<b>Entity Number:</b> 129121	<b>Applicant's Form Identifier:</b> AMDCL-17
<b>Contact Person:</b> Jackie Spencer	<b>Contact Phone Number:</b> (614) 882-0596

**Block 4: Recipients of Service**

15 Billed Entities

List the entity/entities that will be paying the bills directly to the provider for the services requested in this form. These are known as Billed Entities. At least one line of this item must be completed. If a Billed Entity cited on your FCC Form 471 is not listed below, funding may be denied for the funding requests associated with this FCC Form 470. Attach additional pages if needed.

Entity Number	Entity Name
129121	AMANDA-CLEARCREEK SCHOOL DIST

---

<b>Entity Number:</b> 129121	<b>Applicant's Form Identifier:</b> AMDCL-17
<b>Contact Person:</b> Jackie Spencer	<b>Contact Phone Number:</b> (614) 882-0596

**Block 5: Certifications and Signature**

16 I certify that the applicant includes: (Check one or both.)

☒ a 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; and/or

☐ b libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools (including, but not limited to elementary and secondary schools, colleges, and universities).

17 I certify that, if required by Commission rules, all of the individual schools and libraries receiving services under this form are covered by technology plans that do or will cover all 12 months of the funding year, and that have been or will be approved by a state or other authorized body, or an SLD-certified technology plan approver, prior to the commencement of service.

☒ Or I certify that no technology plan is required by Commission rules.

18 ☒ I certify that I will post my FCC Form 470 and (if applicable) make any applicable RFP available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

19 ☒ I certify that I will retain required documents for a period of at least five years after the last day of service delivered. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.

20 ☒ 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 form have not received anything of value or a promise of anything of value, 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.

21 ☒ I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing 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 I have considered what financial resources should be available to cover these costs.

22 ☒ I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

23 ☒ I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may 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.

24 ☒ 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.

---

<b>Entity Number:</b> 129121	<b>Applicant's Form Identifier:</b> AMDCL-17
<b>Contact Person:</b> Jackie Spencer	<b>Contact Phone Number:</b> (614) 882-0596

<p>25 Signature of authorized person: <input checked="" type="checkbox"/></p>	<p>26 Date: 12/17/2013</p>
---	----------------------------

**27a** Printed name of authorized person:

Karen Shull

**27b** Title or position of authorized person:

Technology Coordinator

☐ Check here if the consultant in Item 7 is the Authorized Person.

**27c** Street Address, P.O. Box, Route Number, City, State, Zip Code:

328 E Main St

City: Amanda

State: OH

Zip Code: 43102-9330

**27d** Telephone Number of Authorized Person:

(740) 969-7482

**27e** Fax Number of Authorized Person:

(740) 969-7630

**27f** E-mail Address of Authorized Person:

Karen\_Shull@amanda.k12.oh.us

Re-enter E-mail Address:

Karen\_Shull@amanda.k12.oh.us

**27g** Name of Authorized Person's Employer:

Amanda-Clearcreek Local School District

Service provider involvement with preparation or certification of an FCC Form 470  
can taint the competitive bidding process and result in the denial of funding requests.  
For more information, refer to the Schools and Libraries area of the USAC web site at  
[www.usac.org/sl](http://www.usac.org/sl) or call the SLD Client Service Bureau at 1-888-203-8100.

Entity Number: 129121	Applicant's Form Identifier: AMDCL-17
Contact Person: Jackie Spencer	Phone Number: (614) 882-0596

**NOTICE:** In accordance with Section 54.503 of the Federal Communications Commission's rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503(c). 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 competitive bidding requirement contained in 47 C.F.R. § 54.503. 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 this application 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 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, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

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 may delay processing of your application or may return your form 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 3 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.

FCC Form 470  
October 2010[New Search](#)[Return To Search Results](#)

**TAB 6**

Source: Communications Cases > Federal Communications Commission > Schools and Libraries  
Universal Service Support Mechanism (FCC 2014)

## **Schools and Libraries Universal Service Support Mechanism (FCC 2014)**

29 FCC Rcd 13404

Schools and Libraries Universal Service Support Mechanism

DA 14-1556

Federal Communications Commission

CC Docket No. 02-6

GN Docket No. 09-51

WC Docket No. 13-184

October 28, 2014

29 FCC Rcd. 13404

Schools and Libraries Universal Service Support Mechanism

A National Broadband Plan for Our Future

Modernizing the E-rate Program for Schools and Libraries

### **Opinion**

### **Order**

**Adopted: October 28, 2014**

**Released: October 28, 2014**

By the Chief, Wireline Competition Bureau:

### **I. Introduction**

1. In this Order, the Wireline Competition Bureau (Bureau) releases the **Eligible Services** list (ESL) for funding year 2015 for the schools and libraries universal service support program (more commonly referred to as the E-rate program)<sup>1</sup> and authorizes the Universal Service Administrative Company (USAC) to open the annual application filing window no earlier than December 29, 2014.<sup>2</sup> In this Order, we adopt the proposals made in the *ESL Public Notice*, with modifications as described herein.<sup>3</sup> In so doing we streamline the structure of the ESL to provide guidance on the services the Commission found to be eligible for E-rate support in the recent *E-rate Modernization Order*.<sup>4</sup>

---

<sup>1</sup> See *Schools and Libraries Universal Service Support Mechanism, Eligible Services List for Funding Year 2015* (rel. October 28, 2014) (2015 ESL) (Appendix C). The ESL specifies the services and products that are eligible for E-rate discounts.

<sup>2</sup> 47 C.F.R. § 54.502(d) (requiring the final ESL to be released at least 60 days prior to the opening of the application filing window).

<sup>3</sup> *Wireline Competition Bureau Seeks Comment on Draft Eligible Services List for Schools and Libraries Universal Service Program*, CC Docket No. 02-6, GN Docket No. 09-51, WC Docket No. 13-184, Public Notice, 29 FCC Rcd 9474 (Wireline Comp. Bur. 2014) (*ESL Public Notice*).

<sup>4</sup> See *Modernizing the E-rate Program for Schools and Libraries*, WC Docket No. 13-184, Order, 29 FCC Copyright 2017, The Bureau of National Affairs, Inc.



### **Category One (Priority One)**

Services and telephone components that were listed as eligible in the former Priority One category:

- 900/976 call blocking
- custom calling services
- direct inward dialing
- directory assistance charges
- email
- inside wire maintenance plans
- paging
- text messaging
- voice mail
- web hosting

### **Category Two (Priority Two)**

Components included in these former Priority Two entries:

- Circuit Cards/Components
- Data Protection (all except for firewall and uninterruptible power supply/battery back-up)
- Interfaces, Gateways, Antennas (other than as specified in this Order)
- Servers (other than servers necessary for caching)
- Software (other than the software that supports eligible broadband internal connections)
- Storage Devices
- Telephone Components
- Video Components
- Voice/video IP components (that had been listed in the Data Distribution entry)

## **Appendix C**

### **Eligible Services List for Funding Year 2015**

#### **Schools and Libraries Universal Service Support Mechanism – Eligible Services List**

(WC Docket No. 13-184; CC Docket No. 02-6; GN Docket No. 09-51)

The Federal Communications Commission's (FCC's) rules provide that all services that are eligible to receive discounts under the Schools and Libraries Universal Service Support Mechanism (otherwise known as the E-rate program or "E-rate") are listed in this **Eligible Services List (ESL)**. The E-rate program is administered by the Universal Service Administrative Company (USAC). The E-rate program provides eligible schools and libraries discounts for **Eligible Services** and components. This ESL identifies the Category One telecommunications services, telecommunications, and Internet access services and Category Two internal connections, basic maintenance, and managed internal broadband services, for which eligible applicants may seek E-rate support. 47 C.F.R. §§ 54.5, 54.500, and 54.502(a).

Additional guidance from USAC about the E-rate application process and about **Eligible Services**, including a glossary of terms, is available at USAC's website at <http://www.usac.org/sl/>. Those documents on USAC's website are not incorporated by reference into the ESL and do not bind the Commission. Thus, they will not be used to determine whether a service or product is eligible. Applicants and service providers are free to refer to those documents, but just for informal guidance. This ESL, dated October 28, 2014, implements changes adopted in the *E-rate Modernization Order* (FCC 14-99), and therefore represents a change from prior funding years. This ESL applies to funding requests for Funding Year 2015.

## **Category One**

The first category of supported services, Category One, includes the services needed to support broadband connectivity to schools and libraries. Category One lists the telecommunications services, telecommunications, and Internet access services for which E-rate applicants may seek discounts. Eligible Category One services are listed in the entries for digital transmission services and Internet access services, and voice services. This category consists of the services that provide broadband to eligible locations including data links that connect multiple points, services used to connect eligible locations to the Internet, and services that provide **basic conduit access** to the Internet. Maintenance and technical support appropriate to maintain reliable operation are eligible for support when provided as a component of these services. Voice services, as described below, are subject to a phase down of support beginning in funding year 2015. Applicants must identify the Category One service type on the FCC Form 471, as telecommunications services, Internet access, or voice.

### **Digital transmission services and Internet access services.**

Digital transmission services and Internet access services are eligible in Category One. These services include:

- Asynchronous Transfer Mode (ATM)
- Broadband over Power Lines
- Cable Modem
- Digital Subscriber Line (DSL)
- DS-1 (T-1), DS-3 (T-3), and Fractional T-1 or T-3
- Ethernet
- Fiber (Lit and Dark)
- Frame Relay
- Integrated Services Digital Network
- Multi-Protocol Label Switching (MPLS)
- OC-1, OC-3, OC-12, OC-n
- Satellite Service
- Switched Multimegabit Data Service
- Telephone dial-up
- Wireless services (e.g., microwave)

Data plans and air cards for mobile devices are eligible only in instances when the school or library seeking support demonstrates that the individual data plans are the most cost-effective option for providing internal broadband access for mobile devices as required in the *E-rate Modernization Order*.

Off-campus use, even if used for an educational purpose, is ineligible for support and must be cost allocated out of any funding request.

### **Eligible voice services.**

Eligible voice services are subject to an annual 20 percentage point phase down of E-rate support beginning in funding year 2015, as described in the *E-rate Modernization Order*. The reduced discount rate for voice services will apply to all applicants and all costs for the provision of telephone services and circuit capacity dedicated to providing voice services including:

- Centrex
- Interconnected voice over Internet protocol (VoIP)
- Local, long distance, and 800 service, e.g., a toll-free telephone number for students to contact school regarding questions about homework
- Plain old telephone service (POTS)
- Radio loop
- Satellite telephone service
- Shared telephone service (only the portion of the shared services relating to the eligible use and location may receive discounts)
- Wireless telephone service including cellular voice and excluding data and text messaging

### **Eligibility Limitations for Certain Category One Services:**

**Fiber** – E-rate support is available for leased lit and dark fiber as described in the *Schools and Libraries Sixth Report and Order* (FCC 10-175) and the subsequent “Frequently Asked Questions” (DA 10-2356).

- **Leased Lit Fiber** – Monthly charges, special construction, and maintenance charges are eligible. When lit fiber is leased as a Category One service, modulating electronics can be included as a part of that **Eligible Service**.

- **Leased Dark Fiber** – Within the eligible entity's property line, maintenance and special construction costs to connect the fiber to the eligible entity's facilities are eligible. Beyond the eligible entity's property line, special construction charges are not eligible, but monthly charges and maintenance provided as a component of leased dark fiber to

maintain reliable operation are eligible. Re-routing of fiber is considered construction, not maintenance. If other customers are served by the leased dark fiber, only the pro rata costs of maintenance incurred by the eligible entity will be eligible for E-rate support. The purchase and ownership of modulating electronics associated with lighting dark fiber and modulating electronics on applicant-leased dark fiber leaving the eligible entity's premises are not eligible.

- **IRUs** – An Indefeasible Rights of Use (IRU) purchase arrangement will be considered a lease of dark fiber for E-rate program purposes. If the IRU contains significant upfront charges, the charges may need to be amortized.

**Internet access** – Eligible Internet access may include features such as basic firewall protection, domain name service, and dynamic host configuration when these features are provided as a standard component of a vendor's Internet access service. Firewall protection may not be provided by a vendor other than the Internet access provider and may not be priced out separately. Examples of items that are ineligible components of Internet access include applications, content, e-mail, and equipment such as computers, laptops, tablets, and all other end-user devices.

**Wireless services and wireless Internet access services** –Managed internal broadband services, such as managed Wi-Fi, are eligible only for Category Two support.

### **Category Two**

The second category of equipment and services eligible for E-rate support, Category Two, includes the internal connections and services needed for broadband connectivity within schools and libraries. Support

**TAB 7**

## Schools and Libraries Universal Service Description of Services Requested and Certification Form 470

Estimated Average Burden Hours per Response: 3 hours

This form is designed to help you describe the eligible services you seek so that this data can be posted on the Fund Administrator Internet Site and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this form.

Form 470 Application Number: 243300001259340	Applicant's Form Identifier: CW-470-15
Application Status: CERTIFIED	Posting Date: 01/23/2015
Allowable Contract Date: 02/20/2015	Certification Received Date: 01/26/2015

**Block 1: Applicant Address and Information**

1 Name of Applicant:  
CANAL WINCHESTER SCHOOL DIST

2 Funding Year: 2015 (Funding years run from July 1 through the following June 30)

3 Entity Number: 129124

4a Street Address, P.O.Box, or Route Number:  
100 WASHINGTON ST

City: CANAL WHCHSTR State: OH Zip Code: 43110-1228

4b Telephone Number: (614) 837-4533

4c Fax Number: (614) 833-2165

5a Eligible Entities That Will Receive Services:

Check the ONE choice in 5a that best describes the eligible entities that will receive the services described in this form. You will then list in Item 15 the entity/entities that will pay the bills for these services.

☐ Individual School (individual public or non-public school)

☒ School District (LEA; public or non-public [e.g., diocesan] local district representing multiple schools)

☐ Library (including library system, library outlet/branch or library consortium as defined under LSTA)

☐ Consortium (intermediate service agencies, states, state networks, consortia of schools and/or libraries)

☐ Statewide application for (enter 2-letter state code)  
representing (check all that apply)

☐ All public schools/districts in the state

☐ All non-public schools in the state

☐ All libraries in the state

5b Recipient(s) of Services - Check all that apply:

☐ Private ☒ Public ☐ Charter

☐ Tribal ☐ Head Start ☐ State Agency

5c Number of eligible entities for which services are sought: 6

**Block 1: Applicant Address and Information (continued)**

6a Contact Person's Name:  
Eric Spencer

If the Contact Person's Street Address is the same as Item 4a above, check here. ☐ If not, complete Item 6b.

6b Street Address, P.O.Box, or Route Number:  
NOTE: USAC will use this address to mail correspondence  
611-G Park Meadow Road

City: Westerville State: OH Zip Code: 43081

Check the box next to your preferred mode of contact and provide your contact information. One box MUST be checked and an entry provided.

☐ 6c Telephone Number: (614) 882-0596

☐ 6d Fax Number: (614) 882-2556

☒ 6e E-Mail Address: eas@smserate.com

Re-enter E-mail Address: eas@smserate.com

If a consultant is assisting you with your application process, please complete Item 7 below:

7 Consultant Name: ERIC SPENCER

Name of Consultant's Employer: Strategic Management Solutions

Consultant's Street Address: Strategic Management Solutions  
611-G Park Meadow Road

City: Westerville State: OH Zip Code: 43081 - 2875

Consultant's Telephone Number: (614) 882-0596 Ext. 25

Consultant's Fax Number: (614) 882-2556

Consultant's E-mail Address: eas@smserate.com

Re-enter E-mail Address: eas@smserate.com

Consultant Registration Number: 16054698

Entity Number: 129124	Applicant's Form Identifier: CW-470-15
Contact Person: Eric Spencer	Phone Number: (614) 882-0596

**Block 2: Summary Description of Needs or Services Requested**

8 Category One: Internet Access and/or Telecommunications

If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

- a ☐ YES, I have released or intend to release an RFP for one or more of these services. It is available or will become available on the Internet at:  
or via (check one) ☐ the contact person in Item 6 or ☐ the contact person listed in Item 12

Your RFP Identifier:

- b ☒ NO, I have not released and do not intend to release an RFP for any of these services.

Whether you check YES or NO, you must list below the Internet access and/or telecommunications you seek. Specify each service (e.g., voice service, monthly Internet access service, etc) and quantity and/or capacity (e.g., for voice service, 20 existing lines plus 10 new ones, or for monthly Internet access service, for 500 users).

Service	Quantity and/or Capacity
Telephone Services	Approx. 18 lines for local and long distance services
Digital Transmission Services	Min. 1.544 mbps.
Fiber	Districtwide
Internet Access Services	Min. 250 Mb

9 [Reserved]

Entity Number: 129124	Applicant's Form Identifier: CW-470-15
Contact Person: Eric Spencer	Phone Number: (614) 882-0596

**10 Category Two: Internal Connections and Managed Internal Broadband Services**

*If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.*

a ☐ YES, I have released or intend to release an RFP for one or more of these services. It is available or will become available on the Internet at:  
 or via (check one) ☐ the contact person in Item 6 or ☐ the contact person listed in Item 12  
 Your RFP Identifier:

b ☒ NO, I have not released and do not intend to release an RFP for any of these services.

Whether you check YES or NO, you must list below the Internal Connections and Managed Internal Broadband Services you seek. Specify each service (e.g., a router, hub and cabling) and quantity and/or capacity (e.g., connecting 1 classroom of 30 students).

Service	Quantity and/or Capacity
Ruckus 802.11 N and/or A/C Wireless Access Points or equivalent	Approx. 20.
1500VA Uninterruptible Power Supply(UPS)Battery Backup	Approx. 8.
750VA Uninterruptible Power Supply(UPS)Battery Backup	Approx. 20
HP 5100e Layer 3 Full POE+ stackable or modular switches or equivalent	Approx. 8
HP 8212lz Layer 3 Full POE+ stackable or modular switches or equivalent	Approx. 5.
Cabling	For all eligible equipment
Cabling (between closets)	For up to 6 locations (preferably fiber)
Installation	For all eligible equipment

**11 Category Two: Basic Maintenance of Internal Connections**

*If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.*

a ☐ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at:  
 or via (check one) ☐ the contact person in Item 6 or ☐ the contact person listed in Item 12  
 Your RFP Identifier:

b ☐ NO, I have not released and do not intend to release an RFP for these services.

Whether you check YES or NO, you must list below the Basic Maintenance services you seek. Specify each service (e.g., basic maintenance of routers) and quantity and/or capacity (e.g., for 10 routers).

<b>Entity Number:</b> 129124	<b>Applicant's Form Identifier:</b> CW-470-15
<b>Contact Person:</b> Eric Spencer	<b>Phone Number:</b> (614) 882-0596

**12** (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This person does not need to be the contact person(s) listed in Item 6 nor the Authorized Person who signs this form.

Name:  
David Nobile

Title:  
Technology Director

Telephone Number: (614) 920 - 2611

Fax Number: (614) 833 - 2165

Email Address: dnobile@cwls.us

Re-enter E-mail Address: dnobile@cwls.us

**13** ☐ Check this box if there are any restrictions imposed by state or local laws or regulations on how or when service providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures and/or provide an Internet address where they are posted and a contact name and telephone number.

☒ Check this box if no state and local procurement/competitive bidding requirements apply to the procurement of services sought on this FCC Form 470.

If you are requesting services for a funding year for which an FCC Form 470 cannot yet be filed online, include that information here.

**Block 3:**

14. [Reserved]

<b>Entity Number:</b> 129124	<b>Applicant's Form Identifier:</b> CW-470-15
<b>Contact Person:</b> Eric Spencer	<b>Contact Phone Number:</b> (614) 882-0596

**Block 4: Recipients of Service**

**15 Billed Entities**

List the entity/entities that will be paying the bills directly to the provider for the services requested in this form. These are known as Billed Entities. At least one line of this item must be completed. If a Billed Entity cited on your FCC Form 471 is not listed below, funding may be denied for the funding requests associated with this FCC Form 470. Attach additional pages if needed.

Entity Number	Entity Name
129124	CANAL WINCHESTER SCHOOL DIST

<b>Entity Number:</b> 129124	<b>Applicant's Form Identifier:</b> CW-470-15
<b>Contact Person:</b> Eric Spencer	<b>Contact Phone Number:</b> (614) 882-0596

**Block 5: Certifications and Signature**

**16** I certify that the applicant includes: (Check one or both.)

a ☒ 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; and/or

b ☐ libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools (including, but not limited to elementary and secondary schools, colleges, and universities).

**17** [Reserved]

**18** ☒ I certify that I will post my FCC Form 470 and (if applicable) make any applicable RFP available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

**19** ☒ 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 last day of service delivered. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.

**20** ☒ 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 form have not received anything of value or a promise of anything of value, 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.

**21** ☒ I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing 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 I have considered what financial resources should be available to cover these costs.

**22** ☒ I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

**23** ☒ I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may 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.

**24** ☒ 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.

<b>Entity Number:</b> 129124	<b>Applicant's Form Identifier:</b> CW-470-15
<b>Contact Person:</b> Eric Spencer	<b>Contact Phone Number:</b> (614) 882-0596

<b>25</b> Signature of authorized person: <input checked="" type="checkbox"/>	<b>26</b> Date: 01/26/2015
---	----------------------------

**27a** Printed name of authorized person:



Joyce A. Boyer

**27b** Title or position of authorized person:

Treasurer

☐ Check here if the consultant in Item 7 is the Authorized Person.

**27c** Street Address, P.O. Box, Route Number, City, State, Zip Code:

100 Washington Street

City: Canal Winchester

State: OH

Zip Code: 43110

**27d** Telephone Number of Authorized Person:

(614) 837-4533

**27e** Fax Number of Authorized Person:

(614) 920-2620

**27f** E-mail Address of Authorized Person:

jboyer@cwls.us

Re-enter E-mail Address:

jboyer@cwls.us

**27g** Name of Authorized Person's Employer:

Canal Winchester School District

Service provider involvement with preparation or certification of an FCC Form 470 can taint the competitive bidding process and result in the denial of funding requests. For more information, refer to the Schools and Libraries area of the USAC web site at [www.usac.org/sl](http://www.usac.org/sl) or call the SLD Client Service Bureau at 1-888-203-8100.

Entity Number: 129124	Applicant's Form Identifier: CW-470-15
Contact Person: Eric Spencer	Phone Number: (614) 882-0596

NOTICE: In accordance with Section 54.503 of the Federal Communications Commission's rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503(c). 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 competitive bidding requirement contained in 47 C.F.R. § 54.503. 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 this application 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 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, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

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 may delay processing of your application or may return your form 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 3 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.

FCC Form 470  
October 2014

[New Search](#)[Return To Search Results](#)

**TAB 8**

Source: Communications Cases > Federal Communications Commission > Modernizing the E-rate Program for Schools and Libraries, 63 CR 660 (FCC 2015)

## **Modernizing the E-rate Program for Schools and Libraries, 63 CR 660 (FCC 2015)**

63 CR 660

30 FCC Rcd 9923

Modernizing the E-rate Program for Schools and Libraries

DA 15-1012

Federal Communications Commission

WC Docket No. 13-184

September 11, 2015

30 FCC Rcd. 9923

Modernizing the E-rate Program for Schools and Libraries

### **Headnotes**

**Universal Service Fund E-rate program; revision of Eligible Services list for funding year 2016. ▶  
54.502 ▶ 54.504**

The Universal Service E-rate program's Eligible Services list (ESL) is revised for funding year 2016 to reflect changes made to the program in the *Second E-rate Modernization Order* [61 CR 1081]. Leased Lit Fiber, Dark Fiber, and Self-Provisioned Broadband Networks are listed separately as eligible Category One Data Transmission Services and Internet Access. Support is provided for lighting dark fiber and special construction funding may be requested for upfront, non-recurring costs for the deployment of new or upgraded facilities. Schools and libraries can self-provision networks, subject to safeguards, when it is the most cost effective option. It is clarified that the eligible costs for these services include network equipment, special construction, installation and activation, and maintenance and operation charges. The revised ESL also adds ISDN to the list of eligible voice services, and an applicant that purchases bundled ISDN can cost allocate the voice and data portions of the service. While basic firewall protection provided as part of Internet access is Category One-eligible, it is clarified that firewall protection provided by a vendor other than the Internet access provider, or priced out separately, is a Category Two internal connections component.

### **Opinion**

#### **ORDER**

**Adopted: September 11, 2015**

**Released: September 11, 2015**

By the Chief, Wireline Competition Bureau:

#### **I. INTRODUCTION**

1. In this Order, the Wireline Competition Bureau (Bureau) releases the Eligible Services list (ESL) for funding year 2016 for the schools and libraries universal service support program (more commonly referred to as the E-rate program) <sup>1</sup> and authorizes the Universal Service Administrative Company (USAC) to open the annual application filing window no earlier than 60 days after release. <sup>2</sup>

7. Funds for Learning, LLC (FFL)
8. Hewlett-Packard Company (HP)
9. Illinois Department of Central Management Services (Illinois)
10. New York City Department of Education (NYC DOE)
11. T-Mobile USA, Inc. (T-Mobile)
12. Unite Private Networks

#### **Reply Commenters**

1. ADS Advanced Data Services, Inc.
2. ESH
3. E-Rate Central
4. Exebridge, Inc.
5. Friday Institute for Educational Innovation, North Carolina State University (Friday Institute)
6. Hazel Reyes
7. North Carolina Department of Public Instruction (NC DPI)
8. Schools, Health & Libraries Broadband Coalition (SHLB)
9. State E-rate Coordinators' Alliance (SECA)
10. United States Telecom Association (USTelecom)
11. VMWare, Inc.

#### **APPENDIX B**

##### **Eligible Services List for Funding Year 2016**

##### **Schools and Libraries Universal Service Support Mechanism – Eligible Services List**

##### **(WC Docket No. 13-184)**

The Federal Communications Commission's (FCC's) rules provide that all services that are eligible to receive discounts under the Schools and Libraries Universal Service Support Mechanism (otherwise known as the E-rate program or "E-rate") are listed in this **Eligible Services List (ESL)**. The E-rate program is administered by the Universal Service Administrative Company (USAC). Eligible schools and libraries may seek E-rate support for eligible Category One telecommunications services, telecommunications, and Internet access and Category Two internal connections, basic maintenance, and managed internal broadband services as identified herein. 47 CFR § § 54.5, 54.500, and 54.502(a).

Additional guidance from USAC about the E-rate application process and about **Eligible Services**, including a glossary of terms, is available at USAC's website at <http://www.usac.org/sl/>. The documents

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

on USAC's website are not incorporated by reference into the ESL and do not bind the Commission. Thus, they will not be used to determine whether a service or product is eligible. Applicants and service providers are free to refer to those documents, but just for informal guidance. This ESL, dated [[Month XX, 2015]], implements changes adopted in the *E-rate Modernization Order* (FCC 14-99) and in the *Second E-rate Modernization Order* (FCC 14-189), and therefore represents a change from prior funding years. This ESL applies to funding requests for Funding Year 2016.

### Category One

The first category of supported services, Category One, includes the services needed to support broadband connectivity to schools and libraries. Eligible Category One services are listed in the entries for data transmission services and Internet access and voice services. This category consists of the services that provide broadband to eligible locations including data links that connect multiple points, services used to connect eligible locations to the Internet, and services that provide **basic conduit access** to the Internet. With the exception of dark fiber and self-provisioned broadband networks, maintenance and technical support appropriate to maintain reliable operation are only eligible for support when provided as a component of these services. Voice services, as described below, are subject to a phase down of support beginning in Funding Year (FY) 2015.

#### **Data transmission services and Internet access**

Digital transmission services and Internet access are eligible in Category One. These services include:

- Asynchronous Transfer Mode (ATM)
- Broadband over Power Lines
- Cable Modem
- Digital Subscriber Line (DSL)
- DS-1 (T-1), DS-3 (T-3), and Fractional T-1 or T-3
- Ethernet
- Integrated Services Digital Network (ISDN)
- Leased Lit Fiber
- Dark Fiber
- Self-Provisioned Broadband Networks
- Frame Relay
- Multi-Protocol Label Switching (MPLS)
- OC-1, OC-3, OC-12, OC-n
- Satellite Service
- Switched Multimegabit Data Service
- Telephone dial-up
- Wireless services (e.g., microwave)

*Notes:* (1) E-rate support is available for leased lit fiber, dark fiber, and self-provisioned broadband networks as described in the *Second E-rate Modernization Order* (FCC 14-189). Eligible costs include monthly charges, special construction, installation and activation charges, modulating electronics and other equipment necessary to make a Category One broadband service functional ("Network Equipment"), and maintenance and operation charges. Network Equipment and maintenance and operation costs for existing networks are eligible. All equipment and services, including maintenance and operation, must be competitively bid.

(2) Applicants that seek bids for special construction of dark fiber or self-provisioned broadband networks must also seek bids for lit fiber service and fully consider all responsive bids.

(3) Applicants may seek special construction funding for the upfront, non-recurring costs for the deployment of new or upgraded facilities. The eligible components of special construction

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

are construction of network facilities, design and engineering, and project management.

(4) Staff salaries and labor costs for personnel of the applicant or underlying beneficiary are not E-rate eligible.

#### **Eligible voice services.**

Eligible voice services are subject to an annual 20 percentage point phase down of E-rate support beginning in FY 2015, as described in the *E-rate Modernization Order*. For FY 2016, the effective reduced discount rate will be 40 percentage points.

The reduced discount rate for voice services will apply to all applicants and all costs for the provision of telephone services and circuit capacity dedicated to providing voice services including:

- Centrex
- Integrated Services Digital Network (ISDN)
- Interconnected voice over Internet protocol (VoIP)
- Local, long distance, and 800 (toll-free) service
- Plain old telephone service (POTS)
- Radio loop
- Satellite telephone service
- Shared telephone service (only the portion of the shared services relating to the eligible use and location may receive discounts)
- Wireless telephone service including cellular voice and excluding data and text messaging

#### **Eligibility Explanations for Certain Category One Services:**

**Internet access** – Eligible Internet access may include features such as basic firewall protection, domain name service, and dynamic host configuration when these features are provided as a standard component of a vendor's Internet access service. Firewall protection that is provided by a vendor other than the Internet access provider or priced out separately will be considered a Category Two internal connections component. Examples of items that are ineligible components of Internet access include applications, content, e-mail, and end-user devices and equipment such as computers, laptops, and tablets.

**Wireless services and wireless Internet access** – As clarified in the *Second E-rate Modernization Order*, data plans and air cards for mobile devices are eligible only in instances when the school or library seeking support demonstrates that the individual data plans are the most cost-effective option for providing internal broadband access for mobile devices at schools and libraries. Applicants should compare the cost of data plans or air cards for mobile devices to the total cost of all components necessary to deliver connectivity to the end user device, including the cost of Internet access and data transmission service to the school or library. Seeking support for data plans or air cards for mobile devices for use in a school or library with an existing broadband connection and wireless local area network implicates the E-rate program's prohibition on requests for duplicative services.

Off-campus use, even if used for an educational purpose, is ineligible for support and must be cost allocated out of any funding request.

Managed internal broadband services, such as managed Wi-Fi, are eligible only for Category Two support.

#### **Category Two**

The second category of equipment and services eligible for E-rate support, Category Two, includes the internal connections needed for broadband connectivity within schools and libraries. Support is limited to the internal connections necessary to bring broadband into, and provide it throughout, schools and

**TAB 9**





Universal Service Administrative Company

**FCC Form 470 – Funding Year 2016**

Form 470 Application Number: 160008005

SE-470-16

**Billed Entity**

SOUTHEASTERN LOCAL SCHOOL DIST  
226 CLIFTON ROAD  
S CHARLESTON, CLARK, OH 45368  
937-462-8388

**Contact Information**

SANDY SPENCER  
sjs@smserate.com  
614-882-0596

**Billed Entity Number:** 129951**FCC Registration Number:** 0002992139**Application Type****Applicant Type:** School District**Recipients of Services:** Public School District**Number of Eligible Entities:** 2**Consulting Firms**

Name	Consultant Registration Number	Phone Number	Email
Strategic Management Solutions	16054698	614-882-0596	jas@smserate.com

**Consultants**

Name	Phone Number	Email
SANDY SPENCER	614-882-0596	sjs@smserate.com

**RFPs**

Id	Name
----	------

**Category One Service Requests**

Service Type	Function	Other	Minimum Capacity	Maximum Capacity	Entities	Quantity	Unit	Installation and Initial Configuration?	Maintenance and Technical Support?	Associated RFPs
Internet Access and/or Telecommunications	Voice Service (Analog, Digital, Interconnected VOIP, etc)				3	14	Users	No	No	
Internet Access and/or Telecommunications	Internet Access and Transport Bundled		100 Mbps	500 Mbps	3	1	Circuits	Yes	Yes	

**Description of Other Functions**

Id	Name
----	------

**Narrative**

Seeking long distance services for approximately 14 lines, Internet Access services for a minimum of 100 Mbps. with approximately 1 circuit.

### Category Two Service Requests

Service Type	Function	Manufacturer	Other	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Internal Connections	WAP	Other	1		40	Each	Yes	
Internal Connections	Switches	Hewlett Packard or equivalent			24	Each	Yes	
Internal Connections	Cabling	Other	2	2	197000	Feet	Yes	

### Description of Other Manufacturers

Id	Name
1	Aerohive
2	Any

#### Narrative

Seeking approximately 40 Aerohive or equivalent access points with licenses, approximately 24 Hewlett Packard or equivalent 48 port POE switches, minimum of Cat 5 E or better cabling for approximately 197,000 ft. to include patch cables.

### Technical Contact

Scott Lamb  
Technology Director  
937-462-8388  
slamb@sels.us

### State and Local Procurement Restrictions

### Recipients of Service

Billed Entity Number	Billed Entity Name
129951	SOUTHEASTERN LOCAL SCHOOL DIST

### Certifications

I certify that the applicant includes:

I certify that the applicant includes 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.

#### Other Certifications

I certify that this FCC Form 470 and any applicable RFP will be available for review by potential bidders for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may 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.

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 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 certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. 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 form have not received anything of value or a promise of anything of value, 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 acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing 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 I have considered what financial resources should be available to cover these costs. I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

Authorized Person

David Shea  
SOUTHEASTERN LOCAL SCHOOL DIST  
226 CLIFTON ROAD  
S CHARLESTON, CLARK, OH 45368  
937-462-8364  
dshea@sels.us

Certified Timestamp

01/07/2016 02:43 PM EST

**TAB 10**

Source: Communications Cases > Federal Communications Commission > Modernizing the E-rate Program for Schools and Libraries (FCC 2016)

## **Modernizing the E-rate Program for Schools and Libraries (FCC 2016)**

31 FCC Rcd 9767

Modernizing the E-rate Program for Schools and Libraries

DA 16-1023

Federal Communications Commission

WC Docket No. 13-184

September 12, 2016

31 FCC Rcd. 9767

Modernizing the E-rate Program for Schools and Libraries

### **Opinion**

### **Order**

**Adopted: September 12, 2016**

**Released: September 12, 2016**

By the Chief, Wireline Competition Bureau:

### **I. Introduction**

1. In this Order, the Wireline Competition Bureau (Bureau) adopts the proposals we made in the *ESL Public Notice*<sup>1</sup> and releases the Eligible Services list (ESL) for funding year 2017 for the schools and libraries universal service support program (more commonly referred to as the E-rate program).<sup>2</sup> We also authorize the Universal Service Administrative Company (USAC) to open the annual application filing window no earlier than 60 days after release of this Order.<sup>3</sup>

---

<sup>1</sup> *Wireline Competition Bureau Seeks Comment on Proposed Eligible Services List for the E-rate Program*, WC Docket No. 13-184, Public Notice, 31 FCC Rcd 5715 (WCB 2016) (*ESL Public Notice*).

<sup>2</sup> See Appendix C, *Schools and Libraries Universal Service Support Mechanism, Eligible Services List for Funding Year 2017* (FY2017 ESL). The ESL specifies the services and products that are eligible for E-rate discounts.

<sup>3</sup> 47 CFR § 54.502(d) (requiring the final ESL to be released at least 60 days prior to the opening of the application filing window).

### **II. Background**

2. Sections 254(c)(1), (c)(3), (h)(1)(B, and (h)(2) of the Communications Act collectively grant the Commission authority to specify the services that will be supported for eligible schools and libraries and to design the specific mechanisms for support.<sup>4</sup> Pursuant to this authority, the Commission delegated responsibility to the Wireline Competition Bureau to update the ESL annually, as necessary.<sup>5</sup>

non-administrative buildings that comprise a single library branch.”<sup>1</sup>

---

<sup>1</sup> 47 CFR § 54.500.

---

In short, the classification of a connection as a Category One or Category Two service turns on the function of the connection, *i.e.*, whether it is part of a WAN connecting multiple eligible schools or libraries, or whether it distributes broadband within a single school campus.

**Q5. So, in the High-Rise Example Above, if Three Floors of the Building Are Occupied by Instructional Facilities of a *Single* School, the Connections Installed Between the Floors Occupied by the Single School Would Be Internal Connections?**

**A5.** Correct. The connections between the instructional facilities located on different floors of the high-rise building would distribute broadband within a single school campus. They would, therefore, be internal connections eligible for Category Two support.

**Q6. What About a Single School Campus That is Intersected by a Public Right-Of-Way, With Instructional Buildings Located on Either Side of the Public Right-Of-Way? Would the Connections Between All of the Instructional Buildings Be Internal Connections?**

**A6.** Yes. The connections installed between the buildings on either side of the public right-of-way would distribute broadband to the instructional buildings of a single school campus, and would be internal connections eligible for Category Two support as opposed to WAN connections eligible for Category One support.

**Q7. What About a Single School With Multiple Campuses That Are Located Miles Apart? Would Connections Installed Between the Instructional Buildings on the Different Campuses Be Internal Connections?**

**A7.** No. Internal connections distribute broadband within one or more instructional buildings of a single school campus, or within one or more non-administrative buildings that comprise a single library branch. Connections that distribute broadband to buildings of a single school located on *multiple* campuses located miles apart would not be internal connections, and may be eligible for Category One support.

## **Appendix C**

### **Eligible Services List for Funding Year 2017**

#### **Schools and Libraries Universal Service Support Mechanism**

(WC Docket No. 13-184)

The Federal Communications Commission's (FCC's) rules provide that all services that are eligible to receive discounts under the Schools and Libraries Universal Service Support Mechanism (otherwise known as the E-rate program or E-rate) are listed in this Eligible Services List (ESL). The E-rate program is administered by the Universal Service Administrative Company (USAC). Eligible schools and libraries may seek E-rate support for eligible Category One telecommunications services, telecommunications, and Internet access and Category Two internal connections, basic maintenance, and managed internal broadband services as identified herein. 47 CFR § § 54.5, 54.500, and 54.502(a).

Additional guidance from USAC about the E-rate application process and about **Eligible Services**, including a glossary of terms, is available at USAC's website at <http://www.usac.org/sl/>. The documents on USAC's website are not incorporated by reference into the ESL and do not bind the Commission. Thus, they will not be used to determine whether a service or product is eligible. Applicants and service providers are free to refer to those documents, but just for informal guidance. This ESL applies to funding requests for Funding Year 2017.

### **Category One**

The first category of supported services, Category One, includes the services needed to support broadband connectivity to schools and libraries. Eligible Category One services are listed in the entries for data transmission services and Internet access and voice services. This category consists of the services that provide broadband to eligible locations including data links that connect multiple points, services used to connect eligible locations to the Internet, and services that provide basic conduit access to the Internet. With the exception of leased dark fiber and self-provisioned broadband networks, maintenance and technical support appropriate to maintain reliable operation are only eligible for support when provided as a component of these services. Voice services, as described below, are subject to a phase down of support that began in Funding Year (FY) 2015.

#### **Data transmission services and Internet access**

Digital transmission services and Internet access are eligible in Category One. These services include:

- Asynchronous Transfer Mode (ATM)
- Broadband over Power Lines
- Cable Modem
- Digital Subscriber Line (DSL)
- DS-1 (T-1), DS-3 (T-3), and Fractional T-1 or T-3
- Ethernet
- Integrated Services Digital Network (ISDN)
- Leased Lit Fiber
- Leased Dark Fiber (including dark fiber indefeasible rights (IRUs) for a set term)
- Self-Provisioned Broadband Networks
- Frame Relay
- Multi-Protocol Label Switching (MPLS)
- OC-1, OC-3, OC-12, OC-n
- Satellite Service
- Switched Multimegabit Data Service
- Telephone dial-up
- Wireless services (e.g., microwave)

*Notes:* (1) E-rate support is available for leased lit fiber, leased dark fiber, and self-provisioned broadband networks as described in the *Second E-rate Modernization Order* (FCC 14-189).

Eligible

costs include monthly charges, special construction, installation and activation charges, modulating

electronics and other equipment necessary to make a Category One broadband service functional

("Network Equipment"), and maintenance and operation charges. Network Equipment and maintenance and operation costs for existing networks are eligible. All equipment and services,

including maintenance and operation, must be competitively bid.

(2) Applicants that seek bids for leased dark fiber must also seek bids for leased lit fiber service and

fully consider all responsive bids. Similarly, applicants that seek bids for self-provisioned broadband

networks must also seek bids for the needed connectivity via broadband services provided over third-

party networks, and fully consider all responsive bids.

(3) Applicants may seek special construction funding for the upfront, non-recurring costs for the

deployment of new or upgraded facilities. The eligible components of special construction are construction of network facilities, design and engineering, and project management.

(4) Staff salaries and labor costs for personnel of the applicant or underlying beneficiary are not E-

rate eligible.

#### **Eligible voice services**

Eligible voice services are subject to an annual 20 percentage point phase down of E-rate support that began in FY 2015, as described in the *E-rate Modernization Order*. For FY 2017, the effective discount rate will be 60 percentage points less than other Category One services. The reduced discount rate for voice services will apply to all applicants and all costs for the provision of telephone services and circuit capacity dedicated to providing voice services including:

- Centrex
- Integrated Services Digital Network (ISDN)
- Interconnected voice over Internet protocol (VoIP)
- Local, long distance, and 800 (toll-free) service
- Plain old telephone service (POTS)
- Radio loop
- Satellite telephone service
- Shared telephone service (only the portion of the shared services relating to the eligible use and location may receive discounts)
- Wireless telephone service including cellular voice and excluding data and text messaging

#### **Category Two**

The second category of equipment and services eligible for E-rate support, Category Two, includes the internal connections needed for broadband connectivity within schools and libraries. Support is limited to the internal connections necessary to bring broadband into, and provide it throughout, schools and libraries. These are broadband connections used for educational purposes within, between, or among instructional buildings that comprise a school campus (as defined on p. 7) or library branch, and basic maintenance of these connections, as well as services that manage and operate owned or leased broadband internal connections (e.g., managed internal broadband services or managed Wi-Fi). Category Two support is subject to per-school or per-library budgets as set forth in the *E-rate Modernization Order* and *Second E-rate Modernization Order*. The eligible components and services in Category Two are:

#### **Eligible Broadband Internal Connections**

- Access points used in a local area network (LAN) or wireless local area network (WLAN) environment (such as wireless access points)
- Antennas, cabling, connectors, and related components used for internal broadband connections
- Caching
- Firewall services and components separate from basic firewall protection provided as a standard component of a vendor's Internet access service.
- Switches
- Routers
- Racks
- Uninterruptible Power Supply (UPS)/Battery Backup



**TAB 11**



Universal Service Administrative Company

**FCC Form 470 – Funding Year 2017**

Form 470 Application Number: 170048247

RS-470-17

**Billed Entity**

RIVERSIDE LOCAL SCHOOL DIST  
2096 COUNTY ROAD 24 SOUTH  
DE GRAFF, LOGAN, OH 43318  
937-585-5981

**Contact Information**

SANDY SPENCER  
sjs@smserate.com  
614-882-0596

**Billed Entity Number:** 129201**FCC Registration Number:** 0007884034**Application Type****Applicant Type:** School District**Recipients of Services:** Public School; Public School District**Number of Eligible Entities:** 3**Consulting Firms**

Name	Consultant Registration Number	Phone Number	Email
Strategic Management Solutions	16054698	614-882-0596	jas@smserate.com

**Consultants**

Name	Phone Number	Email
SANDY SPENCER	614-882-0596	sjs@smserate.com

**RFPs**

Id	Name
25521	Riverside Local School District - FY2017 RFP

**Category One Service Requests**

Service Type	Function	Other	Minimum Capacity	Maximum Capacity	Entities	Quantity	Unit	Installation and Initial Configuration?	Maintenance and Technical Support?	Associated RFPs
Internet Access and/or Telecommunications	Voice Service (Analog, Digital, Interconnected VOIP, etc)				3	9	Users	Yes	Yes	
Internet Access and/or Telecommunications	Internet Access and Transport Bundled		500 Mbps	1 Gbps	3	1	Circuits	Yes	Yes	
Internet Access and/or Telecommunications	Voice Service (Analog, Digital, Interconnected VOIP, etc)				3	1	Users	Yes	Yes	

**Description of Other Functions**

Id	Name
----	------

**Narrative**

Seeking voice services for approximately 9 local and long distance lines.  
Seeking Internet Access services at a minimum 500 Mbps.  
Seeking digital transmission services for approximately 1 ISDN-PRI circuit.

### Category Two Service Requests

Service Type	Function	Manufacturer	Other	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Internal Connections	WAP	Aerohive or equivalent			30	Each	Yes	25521
Internal Connections	Antennas, Connectors, and Related Components	No Preference		2	60	Each	Yes	25521
Internal Connections	Antennas, Connectors, and Related Components	No Preference		2	30	Each	Yes	25521
Internal Connections	Cabling	No Preference		2	1500	Feet	Yes	25521
Managed Internal Broadband Services	Existing Equipment			2				

### Description of Other Manufacturers

Id	Name
----	------

#### Narrative

Seeking approximately 30 Aerohive AP230 access points and licenses or equivalent.  
Seeking approximately 60 patch cables.  
Seeking approximately 30 ceiling level network jacks.  
Seeking approximately 1,500 feet of Cat 5e, Cat 6 or Cat 6A wiring capable of 1 GB/1000 MB.  
Seeking Managed Internal Broadband Services for existing equipment.

### Technical Contact

Brandi Thompson  
Technology Coordinator  
37-585-5981 ext.303  
erate@riverside.k12.oh.us

### State and Local Procurement Restrictions

--

### Recipients of Service

Billed Entity Number	Billed Entity Name
129201	RIVERSIDE LOCAL SCHOOL DIST

### Certifications

I certify that the applicant includes:

I certify that the applicant includes 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.

### Other Certifications

I certify that this FCC Form 470 and any applicable RFP will be available for review by potential bidders for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may 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.

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 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 certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. 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 form have not received anything of value or a promise of anything of value, 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 acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing 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 I have considered what financial resources should be available to cover these costs. I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

#### NOTICE:

In accordance with Section 54.503 of the Federal Communications Commission's ("Commission") rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503. 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 competitive bidding requirement contained in 47 C.F.R. § 54.503. 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 requested in this form. We will use the information you provide to determine whether you have complied with the competitive bidding requirements applicable to requests for universal service discounts. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, the information you provide in this form 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 you provide in this form 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, information provided in or submitted with this form, or in response to subsequent inquiries, may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide in this form 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 Universal Service Administrator may return your form without action or deny a related request for universal service discounts.

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 3.5 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](mailto:PRA@FCC.gov). DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

**Authorized Person**

Ronnie Fitchpatrick  
RIVERSIDE LOCAL SCHOOL DIST  
2096 COUNTY ROAD 24 SOUTH  
DE GRAFF, LOGAN, OH 43318  
937-585-5981  
[rfitchpatrick@riverside.k12.oh.us](mailto:rfitchpatrick@riverside.k12.oh.us)

**Certified Timestamp**

01/17/2017 07:42 AM EST

**TAB 12**

Source: Communications Cases > Federal Communications Commission > Modernizing the E-rate Program for Schools and Libraries (FCC 2017)

## **Modernizing the E-rate Program for Schools and Libraries (FCC 2017)**

Modernizing the E-rate Program for Schools and Libraries

DA 17-973

Federal Communications Commission

WC Docket No. 13-184

October 5, 2017

Modernizing the E-rate Program for Schools and Libraries

### **Opinion**

### **Order**

**Adopted: October 5, 2017**

**Released: October 5, 2017**

By the Chief, Wireline Competition Bureau:

### **I. Introduction**

1. In this Order, the Wireline Competition Bureau (Bureau) adopts the proposals we made in the *FY2018 ESL Public Notice*<sup>1</sup> and releases the **Eligible Services** list (ESL) for funding year (FY) 2018 for the schools and libraries universal service support program (more commonly referred to as the E-rate program).<sup>2</sup> We also authorize the Universal Service Administrative Company (USAC) to open the annual application filing window no earlier than 60 days after release of this Order.<sup>3</sup>

---

<sup>1</sup> *Wireline Competition Bureau Seeks Comment on Proposed Eligible Services List for the E-rate Program*, WC Docket No. 13-184, Public Notice, 32 FCC Rcd 5025 (WCB 2017) (*FY2018 ESL Public Notice*).

<sup>2</sup> See Appendix B, *Schools and Libraries Universal Service Support Mechanism, Eligible Services List for Funding Year 2018 (FY2018 ESL)*. The ESL specifies the services and products that are eligible for E-rate discounts.

<sup>3</sup> 47 CFR § 54.502(d) (requiring the final ESL to be released at least 60 days prior to the opening of the application filing window).

### **II. Background**

2. Sections 254(c)(1), (c)(3), (h)(1)(B), and (h)(2) of the Communications Act collectively grant the Commission authority to specify the services that will be supported for eligible schools and libraries and to design the specific mechanisms for support.<sup>4</sup> Pursuant to this authority, the Commission delegated responsibility to the Bureau to update the ESL annually.<sup>5</sup> In the *FY2018 ESL Public Notice*, we sought comment on adding language to the ESL regarding eligibility for mixed-use equipment and on the

14. John C. Fremont Library
15. Kellogg & Sovereign Consulting, LLC
16. K-12 National Advisory Council on Cybersecurity
17. Luther Public Schools
18. Moore Public Schools
19. Pryor Public Schools
20. Rhea County Department of Education
21. Sand Springs Public Schools
22. Southeastern Public Library System of Oklahoma
23. Stillwater Public Schools
24. Workable Programs and Systems, Inc.

#### **Reply Commenters**

1. AT&T Services, Inc. (AT&T)
2. State E-rate Coordinators' Alliance (SECA)
3. T-Mobile USA, Inc. (T-Mobile)

#### **APPENDIX B**

##### **Eligible Services List for Funding Year 2018**

##### **Schools and Libraries Universal Service Support Mechanism**

(WC Docket No. 13-184)

The Federal Communications Commission's (FCC's) rules provide that all services that are eligible to receive discounts under the Schools and Libraries Universal Service Support Mechanism (otherwise known as the E-rate program or E-rate) are listed in this **Eligible Services List (ESL)**. The E-rate program is administered by the Universal Service Administrative Company (USAC). Eligible schools and libraries may seek E-rate support for eligible Category One telecommunications services, telecommunications, and Internet access, and Category Two internal connections, basic maintenance, and managed internal broadband services as identified herein. 47 CFR §§ 54.5, 54.500, and 54.502(a).

Additional guidance from USAC about the E-rate application process and about **Eligible Services**, including a glossary of terms, is available at USAC's website at <http://www.usac.org/sl/>. The documents on USAC's website are not incorporated by reference into the ESL and do not bind the Commission. Thus, they will not be used to determine whether a service or product is eligible. Applicants and service providers are free to refer to those documents, but just for informal guidance. This ESL applies to funding requests for Funding Year 2018.

#### **Category One**



The first category of supported services, Category One, includes the services needed to support broadband connectivity to schools and libraries. Eligible Category One services are listed in the entries for data transmission services and Internet access and voice services. This category consists of the services that provide broadband to eligible locations including data links that connect multiple points, services used to connect eligible locations to the Internet, and services that provide basic conduit access to the Internet. With the exception of leased dark fiber and self-provisioned broadband networks, maintenance and technical support appropriate to maintain reliable operation are only eligible for support when provided as a component of these services.

### **Data Transmission Services and Internet Access**

Digital transmission services and Internet access are eligible in Category One. These services include:

- Asynchronous Transfer Mode (ATM)
- Broadband over Power Lines
- Cable Modem
- Digital Subscriber Line (DSL)
- DS-1 (T-1), DS-3 (T-3), and Fractional T-1 or T-3
- Ethernet
- Integrated Services Digital Network (ISDN)
- Leased Lit Fiber
- Leased Dark Fiber (including dark fiber indefeasible rights of use (IRUs) for a set term)
- Self-Provisioned Broadband Networks
- Frame Relay
- Multi-Protocol Label Switching (MPLS)
- OC-1, OC-3, OC-12, OC-n
- Satellite Service
- Switched Multimegabit Data Service
- Telephone dial-up
- Wireless services (e.g., microwave)

*Notes:* (1) E-rate support is available for leased lit fiber, leased dark fiber, and self-provisioned broadband networks as described in the *2014 Second E-rate Order* (FCC 14-189). Eligible costs include monthly charges, special construction, installation and activation charges, modulating electronics and other equipment necessary to make a Category One broadband service functional ("Network Equipment"), and maintenance and operation charges. Network Equipment and maintenance and operation costs for existing networks are eligible. All equipment and services, including maintenance and operation, must be

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

competitively bid.

(2) Applicants that seek bids for leased dark fiber must also seek bids for leased lit fiber service and fully consider all responsive bids. Similarly, applicants that seek bids for self-provisioned broadband networks must also seek bids for the needed connectivity via services provided over third-party networks, and fully consider all responsive bids.

(3) Applicants may seek special construction funding for the upfront, non-recurring costs for the deployment of new or upgraded facilities. The eligible components of special construction are construction of network facilities, design and engineering, and project management.

(4) Staff salaries and labor costs for personnel of the applicant or underlying beneficiary are not E-rate eligible.

### **Eligible Voice Services**

Eligible voice services are subject to an annual 20 percentage point phase down of E-rate support that began in FY 2015, as described in the *2014 E-rate Order*. For FY 2018, the effective discount rate will be 80 percentage points less than other Category One services. The reduced discount rate for voice services will apply to all applicants and all costs for the provision of telephone services and circuit capacity dedicated to providing voice services including:

- Centrex
- Integrated Services Digital Network (ISDN)
- Interconnected voice over Internet protocol (VoIP)
- Local, long distance, and 800 (toll-free) service
- Plain old telephone service (POTS)
- Radio loop
- Satellite telephone service
- Shared telephone service (only the portion of the shared services relating to the eligible use and location may receive discounts)
- Wireless telephone service, including cellular voice and excluding data and text messaging

### **Category Two**

The second category of equipment and services eligible for E-rate support, Category Two, includes the internal connections needed for broadband connectivity within schools and libraries. Support is limited to the internal connections necessary to bring broadband into, and provide it throughout, schools and libraries. These are broadband connections used for educational purposes within, between, or among instructional buildings that comprise a school campus (as defined below) or library branch, and basic maintenance of these connections, as well as services that manage and operate owned or leased broadband internal connections (e.g., managed internal broadband services or managed Wi-Fi). Category Two support is subject to per-school or per-library budgets as set forth in 47 CFR § 54.502. The eligible components and services in Category Two are:

### **Eligible Broadband Internal Connections**

The following basic maintenance services are eligible:

- Repair and upkeep of eligible hardware
- Wire and cable maintenance
- Configuration changes
- Basic technical support including online and telephone based technical support
- Software upgrades and patches including bug fixes and security patches

**Eligibility Limitations for Category Two:**

**Eligibility limitations for managed internal broadband services** – The equipment eligible for support as part of a managed internal broadband service may only include equipment listed as a broadband internal connections component above. Upfront charges that are part of a managed service contract are eligible for E-rate support except to the extent that the upfront charges are for any ineligible internal connections (e.g., servers other than those that are necessary to provide caching) which, if included in the contract, must be cost allocated out of any funding request.

**Eligibility limitations for basic maintenance** – Basic maintenance is eligible for support only if it is a component of a maintenance agreement or contract for eligible broadband internal connections. The agreement or contract must specifically identify the eligible internal connections covered, including product name, model number, and location. Support for basic maintenance will be paid for the actual work performed under the agreement or contract. Support for bug fixes, security patches, and technical support is not subject to this limitation. Basic maintenance does not include:

- Services that maintain ineligible equipment
- Upfront estimates that cover the full cost of every piece of eligible equipment
- Services that enhance the utility of equipment beyond the transport of information, or diagnostic services in excess of those necessary to maintain the equipment's ability to transport information
- Network management services, including 24-hour network monitoring
- On-site technical support (i.e., contractor duty station at the applicant site) unless applicants present sufficient evidence of cost-effectiveness
- Unbundled warranties

**Eligibility Explanations for Certain Category One and Category Two Services:**

**Internet access** – Eligible Internet access may include features such as basic firewall protection, domain name service, and dynamic host configuration when these features are provided as a standard component of a vendor's Internet access service. Firewall protection that is provided by a vendor other than the Internet access provider or priced out separately will be considered a Category Two internal connections component. Examples of items that are ineligible components of Internet access include applications, content, e-mail, and end-user devices and equipment such as computers, laptops, and tablets.

**Wireless services and wireless Internet access** – As clarified in the *2014 Second E-rate Order*, data

Copyright 2017, The Bureau of National Affairs, Inc.

Reproduction or redistribution, in whole or in part, and in any form, without express written permission, is prohibited except as permitted by the BNA Copyright Policy. <http://www.bna.com/corp/index.html#V>

plans and air cards for mobile devices are eligible only in instances when the school or library seeking support demonstrates that the individual data plans are the most cost-effective option for providing internal broadband access for mobile devices at schools and libraries. Applicants should compare the cost of data plans or air cards for mobile devices to the total cost of all components necessary to deliver connectivity to the end user device, including the cost of Internet access and data transmission service to the school or library. Seeking support for data plans or air cards for mobile devices for use in a school or library with an existing broadband connection and wireless local area network implicates the E-rate program's prohibition on requests for duplicative services.

Off-campus use, even if used for an educational purpose, is ineligible for support and must be cost allocated out of any funding request.

Managed internal broadband services, such as managed Wi-Fi, are eligible only for Category Two support.

**Connections between buildings of a single school** – The classification of connections between multiple buildings of a single school is determined by whether the buildings are located on the same campus. A “campus” is defined as the geographically contiguous grounds where the instructional buildings of a single eligible school are located. A single school may have multiple campuses if it has instructional buildings located on grounds that are not geographically contiguous. Different schools located on the same grounds do not comprise a single campus. The portion of the grounds occupied by the instructional buildings for each school is a campus for that school.

- Connections between buildings on different campuses of a single school are considered to be Category One digital transmission services.
- Connections between different schools with campuses located on the same property (e.g., an elementary school and middle school located on the same property) are considered to be Category One digital transmission services, unless they share the same building.
- Connections between buildings of a single school on the same campus are considered to be Category Two internal connections.

**Network equipment with mixed eligibility** – On-premises equipment that connects to a Category Two-eligible LAN is eligible for Category One support if it is necessary to make a Category One broadband service functional. If the price for components that enable the LAN can be isolated from the price of the components that enable the Category One service, those costs should be cost-allocated out of the Category One funding request.

### **Miscellaneous**

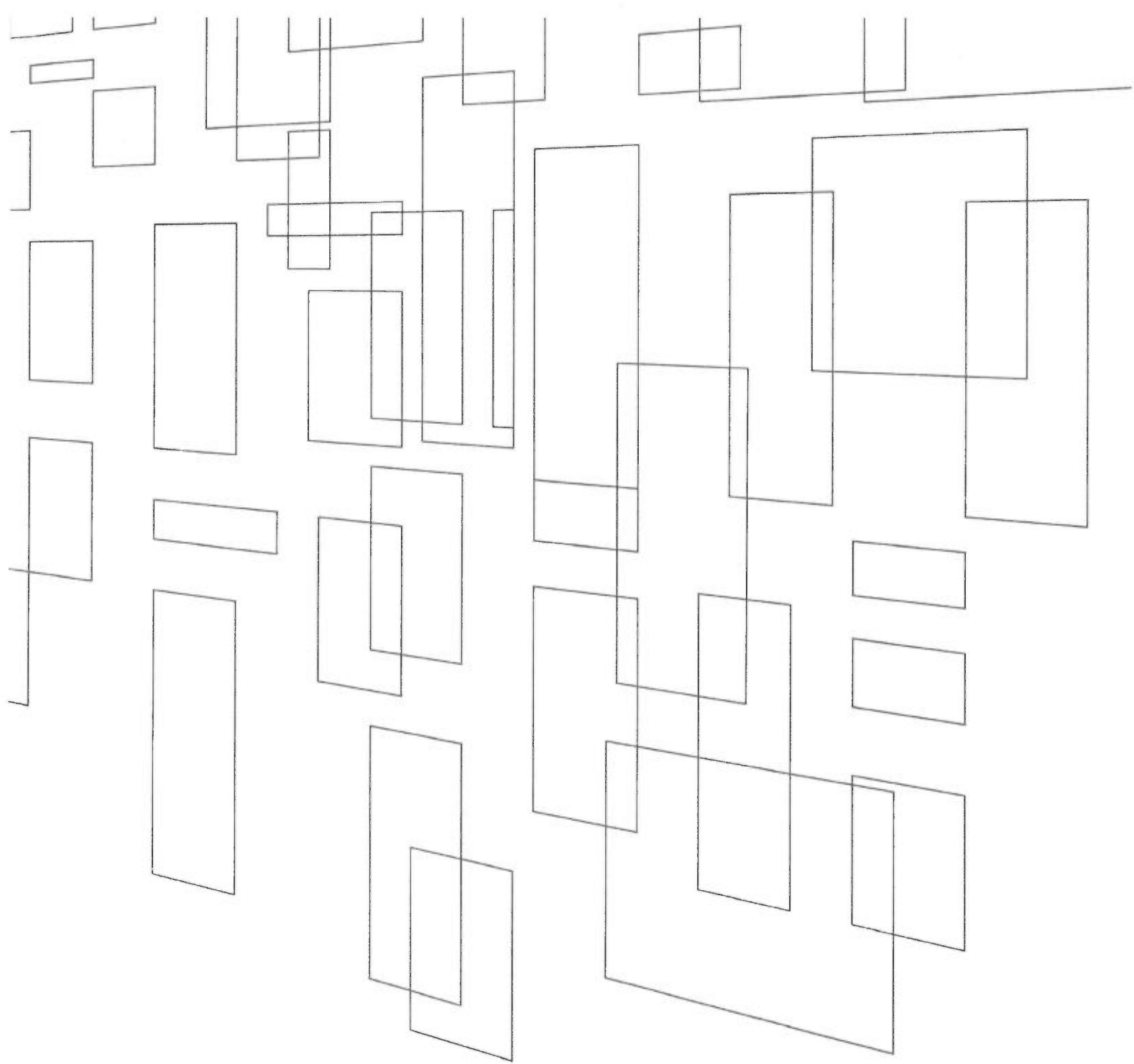
As described below, various miscellaneous services associated with Category One or Category Two are eligible for support. Applicants should request eligible miscellaneous services in the same category as the associated service being obtained or installed.

### **Fees**

Fees and charges that are a necessary component of an eligible product or service are eligible including:

- Change fees
- Contingency fees are eligible if they are reasonable and a regular business practice of the service provider. Contingency fees will be reimbursed only if the work is performed.

**TAB 13**



# **E-rate Productivity Center (EPC)**

## **Filing FCC Forms 470**

# TABLE OF CONTENTS

---

Before You Begin .....	4
Purpose of FCC Form 470.....	4
Who Must File .....	4
How many FCC Forms 470 should you File? .....	4
Assistance in Completing the FCC Form 470.....	4
User Roles and Permissions.....	5
Filing an FCC Form 470 in EPC .....	5
Getting Started .....	5
Basic Information .....	6
Saving, Sharing, and Discarding the Form .....	6
Exiting the Form and Returning Later .....	7
Application Type and Recipients of Service .....	8
Consultant Information and Contact Information.....	9
Contact Information.....	10
Summary of Services Requested .....	10
Category One .....	10
Category Two .....	10
Identify Categories of Service for Which You Are Seeking Bids .....	11
RFPs for Service Requests.....	11
Assign the RFPs to Service Requests .....	13
Service Requests .....	13
Leased Lit Fiber .....	14
Internet Access & Transport Bundled.....	14
Add Category One Service Requests .....	18
Installment Payment Plan .....	22
Category Two: Internal Connections and Basic Maintenance of Internal Connections Service Requests .....	22
Category Two: Managed Internal Broadband Service Requests .....	25
Technical Contact Information.....	26

Procurement Information .....	27
Review and Certify FCC Form 470 .....	28
FCC Form 470 Draft .....	28
Certify FCC Form 470 .....	31
Full Rights User Certifying FCC Form 470 from Partial Rights User .....	32
After FCC Form 470 is Certified .....	33
FCC Form 470 Receipt Notification .....	33



Procurement Information.....	27
Review and Certify FCC Form470 .....	28
FCC Form 470 Draft .....	28
Certify FCC Form 470.....	31
Full Rights User Certifying FCC Form 470 from Partial Rights User .....	32
After FCC Form 470 is Certified .....	33
FCC Form 470 Receipt Notification.....	33

# FILING FCC FORMS 470

---

Last Updated: September 2017

## Before You Begin

Before you start creating an FCC Form 470 in EPC, you should be familiar with the eligibility rules and filing procedures.

### Purpose of FCC Form 470

To start the process of seeking funding for eligible services under the E-rate Program (more formally known as the Schools and Libraries Program), applicants must initiate the required competitive bidding process by filing the FCC Form 470. Starting in Funding Year (FY) 2016, applicants will complete the FCC Form 470 using EPC (the E-rate Productivity Center). The FCC Form 470 will be made available for competitive bidding through the portal once it is certified. Unless E-rate Program rules exempt an applicant from competitive bidding, an applicant must wait at least 28 days after the FCC Form 470 is certified before you can enter into contracts for new services or to select service providers for tariffed or month-to-month services.

### Who Must File

Schools and libraries requesting discounts must seek competitive bids using FCC Form 470 as required by FCC rules. The entity that will negotiate with potential service providers must complete the FCC Form 470. The FCC Form 470 cannot be completed by a service provider who will participate in the competitive process as a bidder. No FCC Form 470 is required for:

Business-class Internet access services. Starting with FY2015, certain commercially available business-class Internet access services are exempt from the requirement to post an FCC Form 470.

Preferred master contracts. Starting with FY2015, contracts designated by the Wireline Competition Bureau of the FCC as preferred master contracts may be exempt from the requirement to post an FCC Form 470.

### How many FCC Forms 470 should you File?

You may file one FCC Form 470 for all of the services for which you are required to file an FCC Form 470, or you may file separate FCC Forms 470 for each type of service. Also, an individual school or library may be covered by more than one FCC Form 470 filed by different applicants for different services.

### Assistance in Completing the FCC Form 470

In addition to this guide, there are several resources to guide you in completing this form. When you enter information in the USAC EPC portal, helper text is available for many fields.

You may also contact the Client Service Bureau using the **Contact Us** link in EPC, or by phone at (888) 203-8100.

## User Roles and Permissions

Only applicants and their consultants can file FCC Form 470. When you are added to the EPC system, you are given certain permissions regarding creating, editing, and certifying FCC forms. The rights are provided on a form type basis; that is, you may have certain rights for the FCC Form 470 for your organization, but different rights with regards to the FCC Form 471. The rights available are:

**Full Rights:** These users can start, edit, and certify these forms.

**Partial Rights:** These users can start and edit these forms; however, they are not able to certify the form. Once they have entered all information in the form, it will be automatically routed to all of the full rights users in your organization so that the form can be certified.

**View only Rights:** These users cannot start or edit a form, but can view the forms created by other users in the organization.

The account administrator for your organization can modify your permissions.

## Filing an FCC Form 470 in EPC

### Getting Started

1. Log in to the system.
2. Select the link to **Apply Now** from your landing page. Alternatively, select your billed entity on your landing page and from the **Related Actions** tab, select **Create FCC Form 470**.

News Tasks (2) Records Reports Actions Tim Thomas

### My Landing Page

Apply Now | Manage Users | Manage Organizations | Contact Us | Help

**USAC**  
Universal Service Administrative Company®

Welcome to the new EPC system, more functionality will be rolling out soon!

#### Organizations

Organization	City	State	Zip Code	Type
Washington High School	Washington	DC	20036	Applicant

Map showing Washington, DC area with locations like Potomac, Bethesda, College Park, Bow, Largo, Fairfax, and Tysons.

## Basic Information

When you begin the FCC Form 470, the basic information about your billed entity, including your Billed Entity Number (BEN), BEN name, and address will automatically populate from your profile. If any of this information is incorrect, contact your Account Administrator to update the organization's profile. Once the information has been updated, it will automatically be updated in the form as well. For assistance with updating the organization's profile, see the **Manage Organizations** EPC user guide.

Enter an application nickname for this form of your own choosing to facilitate communication with us about this particular FCC Form 470. The nickname can be very simple; for example, if you are filing two FCC Forms 470, you might label them "Category One" and "Category Two." Choose identifiers that suit your own record keeping needs.

News Tasks (3) Records Reports Actions Tim Thomas - Appia

USAC

Save Changes

FCC Form 470 - Funding Year 2016

Basic Information Service Requests Technical Contact Information Procurement Information FCC Form 470 Review Certifications & Signature

**Billed Entity Information**

Washington High School  
2002 L Street NW  
Washington, DC 20036  
202-555-1212  
washingtonhs@abc.com

Billed Entity Number: 178  
FCC Registration Number: 2223334455

**Application Nickname**

Please enter an application nickname here.

My Nickname Here

Discard Form Save & Share Save & Continue

## Saving, Sharing, and Discarding the Form

At the bottom of every screen, you are given three options. These will allow you to save and continue working on the form; make the form available to others within your organization for editing; or to discard the form altogether.

**Recipients of Service**

Billed Entity Name	Billed Entity Number
Washington High School	178

Back Discard Form Save & Share Save & Continue

If you select **Save & Continue** you will proceed to the next page to continue entering information for the FCC Form 470.

If you select **Save & Share**, the form is saved and will appear in the task list for other partial rights and full rights users in your organization. One of them can accept the form to view it and make changes to it. Once the new user has finished making changes, he or she can select a link to return the task to all assignees in the group.

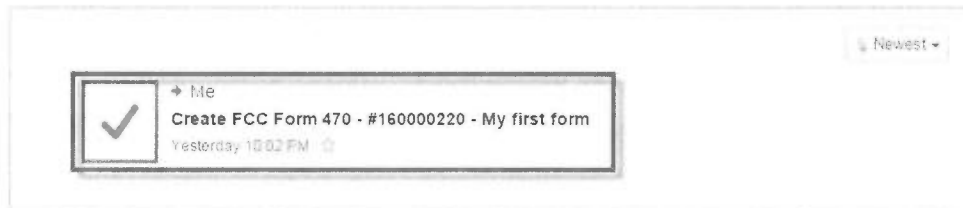
If you select **Discard Form**, the entire form will be discarded. Once you confirm that you want to discard the form, it will no longer be available in our system.

If you select **Back**, you will be taken back one screen.

### Exiting the Form and Returning Later

If, after completing part of the form, you want to save your work and return to it later, click on the **Save & Continue** button and then log out of EPC.

When you return, go to the **Task** tab to find the in-process form.



When you click on the task, your form will open back up where you left off.

## Application Type and Recipients of Service

After choosing **Save & Continue**, the **Basic Information** for your organization will be displayed. The information includes:

- Applicant type
- Number of eligible entities
- Recipients of service.

You cannot edit this information on the form. If you wish to make changes to the information, contact your Account Administrator to update the organization's profile. They can use the **Manage Organization** function to make such changes to your organization. Once the changes have been made in the profile, they will automatically be updated in the form.

Words Reports Actions Tim Thomas - Appia

### FCC Form 470 - Funding Year 2016

Washington High School - My Nickname Here - Form #160000194

Last Saved: 5/23/2015 5:16 PM EDT

Basic Information Service Requests Technical Contact Information Requester Information FCC Form 470 Review Certifications & Signature

Where applicable, we've completed this section of the form based on information from your applicant entity's profile. If any of the non-editable information is incorrect, or you wish to change the information, please update your profile first by going to your entity record, and clicking Manage Organization from the Related Actions menu. If you do not have access to Manage Organization, please contact your applicant entity's account administrator or create a customer service case to request updates to your applicant entity's profile.

#### Application Type and Recipients of Service

Applicant Type: School

Number of Eligible Entities: 0

Recipient(s) of Service

- ☒ Public
- ☐ Private
- ☒ Pre-K
- ☐ Head Start
- ☐ Adult Education
- ☐ Juvenile Justice
- ☐ Dormitory
- ☐ Charter
- ☐ Tribal
- ☐ New Construction
- ☐ ESA

#### Recipients of Service

Billed Entity Name	Billed Entity Number
Washington High School	178

Back Discard Form Save & Share Save & Continue

## Consultant Information and Contact Information

If you indicated in your profile that you are using a consultant, the consultant will automatically appear. If you do not see your consultant listed, contact your Account Administrator to update your profile so that the consultant can be included on this form. If you are using a consultant to assist you, the consultant must appear on this form.

### FCC Form 470 - Funding Year 2016

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:19 PM EDT

Basic Information

Service Requests

Technical Contact Information

Procurement Information

FCC Form 470 Review

Certifications & Signature

Next, you will identify the individuals assisting in seeking E-rate support.

#### Consultant Information

**Consulting Firms**  
The consulting firms associated with your organization are listed below.

Name	Consultant Registration Number	Phone Number	Email
M Street Consulting	141	202-345-6543	admin@mstreetconsulting.com
USAC Consulting Firm 1		111-111-1111	usac.consulting.firm1@test.org

There are currently no consultant users associated with your organization. If this is in error, please update your organization profile.

#### Contact Information

Are you the main contact person? \*

Yes

No

Back

Discard Form

Save & Share

Save & Continue

## Contact Information

1. Select the **Yes** or **No** button to indicate if you are the main contact person for this FCC Form 470.
2. If you wish to select another person, enter his or her contact information. Enter the email address for the contact person. The system will search for a match. Only those individuals who have been associated with your organization can be the contact person.

The screenshot shows a web form titled "Contact Information". It asks "Are you the main contact person?" with "Yes" and "No ✓" buttons. To the right, it displays the name "Jane Thomas", email "janethomas12@mailinator.com", and phone "222-222-2222". Below this is a section titled "Main Contact Person \*" with a search box containing "Jane Thomas" and a dropdown arrow. A note below the search box says "Please select a main contact person by typing the contact person's name or email address." At the bottom are buttons for "Back", "Discard Form", "Save & Share", and "Save & Continue".

3. Select **Save & Share** or **Save & Continue**.

## Summary of Services Requested

The next section of the application allows you to select the services for which you are seeking bids.

### Category One

Category One includes the services needed to support broadband connectivity **to** schools and libraries. This category consists of the services that provide broadband to eligible locations including data links that connect multiple points, services used to connect eligible locations to the Internet, and services that provide basic conduit access to the Internet. With the exception of leased dark fiber and self-provisioned broadband networks, maintenance and technical support appropriate to maintain reliable operation are only eligible for support when provided as a component of these services. Voice services, as described below, are subject to a phase down of support that began in Funding Year (FY) 2015.<sup>1</sup>

### Category Two

Category Two are services needed for broadband connectivity **within** schools and libraries. Support is limited to the internal connections necessary to bring broadband into, and provide it throughout, schools and libraries. These are broadband connections used for educational purposes within, between, or among instructional buildings that comprise a school campus or library branch, and basic maintenance of these connections, as well as services that manage and operate owned or leased broadband internal connections (e.g., managed internal broadband services or managed Wi-Fi).

<sup>1</sup> 2017 Eligible Services List, page 9. - <http://www.usac.org/sl/applicants/beforeyoubegin/eligible-services-list.aspx>



Category Two support is subject to per-school or per-library five-year budgets as set forth in the E-rate Modernization Order and Second E-rate Modernization Order.<sup>2</sup>

**NOTE:** Please reference the Eligible Services List (ESL) for more information.

## Identify Categories of Service for Which You Are Seeking Bids

1. First, you must indicate the categories of service for which you are requesting bids. You can select either **Category One**, or **Category Two**, or both. After you click the button, it will turn green to indicate your selection.

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:26 PM EDT

Basic Information Service Requests Technical Contact Information Procurement Information FCC Form 470 Review Certifications & Signature

Next, you will identify the category(s) of service requested.

**Category(s) of Service**

What are the category(s) of service that you are requesting? \*

Category 1

- Internet Access and/or Telecommunications

Category 2

- Basic Maintenance of Internal Connections
- Internal Connections
- Managed Internal Broadband Services

2. Select **Save & Share** or **Save & Continue**.

## RFPs for Service Requests

1. If you are using an RFP (Request for Proposal) related to the services sought, select **Yes**. If not, select **No** to continue. We use "RFP" generically to refer to any bidding document that describes your project and requested services in more detail than in the fields provided on the FCC Form 470 to help potential bidders understand the scope, location, and any other requirements. This includes Request for Information, Request for Quotation, Statement of Work, etc.

**NOTE:** If you have an RFP you must upload that document in EPC. Do not upload a document that simply contains a link to the RFP. An RFP is required in EPC if you are requesting the options for "Leased Dark Fiber and Leased Lit Fiber," "Self-Provisioned Network and Services Provided Over Third Party Networks," or "Other."

<sup>2</sup> 2017 Eligible Services List, page 11. - <http://www.usac.org/sl/applicants/beforeyoubegin/eligible-services-list.aspx>

## RFP TIPS:

- Formulate your RFP with enough information to solicit proposals from service providers that are responsive to your overall technology goals. Be sure to avoid any language that may be construed as preferential to a specific provider or brand.
- If you are seeking bids for leased dark fiber and are required to also seek bids for leased lit fiber, or are seeking bids for a self-provisioned network and are required to also seek bids for services provided over third party networks, make sure that your RFP: (a) addresses all of the broadband solutions for which you are seeking bids, not just leased dark fiber or a self-provisioned network; and (b) does not indicate a preference for one broadband solution over another.

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:28 PM EDT

Basic Information Service Requests Technical Contact Information Procurement Information FCC Form 470 Review Certifications & Signature

If you are using RFPs for any of the requested services, start by uploading them all first.

**RFPs for Service Requests**

Is there a RFP for any of the services you are requesting?

Yes ✓ No

Please upload all RFPs for the services you are requesting.

Choose File No file chosen

Back Discard Form Save & Share Save & Continue

2. If you have indicated that you are using an RFP, select the **Choose File** button on the right to select the RFP document.

You can upload as many additional RFP documents as you would like or remove any that you uploaded in error. Note that once your FCC Form 470 is certified, you can continue to upload RFP documents, but you cannot remove any documents that were attached to your form at the time it was certified. Funding requests that rely on an RFP not disclosed on the FCC Form 470 are subject to denial.

**NOTE:** Material changes to your FCC Form 470 and/or RFP that affect the scope of the services for which you have requested (e.g., a change that has more than a negligible effect on the price, quantity, quality, or delivery of the services) are considered “cardinal” changes. If you make a cardinal change to the bid request stated in your FCC Form 470 and/or RFP, you must commence a new competitive bidding process by submitting a new FCC Form 470 and/or RFP reflecting the changes via EPC, and restart your 28-day clock as of the date of that submission. Please be advised that if you post an amended RFP to an otherwise unchanged FCC Form 470, you must calculate your new 28-day waiting period on your own. EPC will not calculate a new allowed contract date (ACD) for you.

Any change to an FCC Form 470 and/or RFP is subject to strict scrutiny to determine if a new competitive bidding process is/was required for competitive bidding to be “open and fair,” as required by E-rate

**RFPs for Service Requests**

Is there a RFP for any of the services you are requesting?

☒ Yes ☐ No

Please upload all RFPs for the services you are requesting.

Sample RFP document 1.docx (11.13 KB) Remove

Choose File No file chosen

rules. If in doubt about whether an amendment constitutes a cardinal change and requires an adjustment to the 28 day waiting period, you can opt to recommence a new competitive bidding process through a new FCC Form 470 posting.

When you have finished adding RFP documents, select **Save & Share** or **Save & Continue**.

### Assign the RFPs to Service Requests

On the next screen, you can indicate if a single RFP was used to support all Category One or all Category Two services on this form. If an RFP document only applies to certain services on this form, you will be able to assign that RFP document to a particular request later.

#### RFPs for Service Requests

If applicable, please select the RFP(s) that apply to all new category ONE services.

- ☒ Sample RFP document 1
- ☐ Sample RFP document2

This selection will only apply to new service requests. Selecting and deselecting RFPs above will not affect service requests already added to this FCC Form 470.

If applicable, please select the RFP(s) that apply to all new category TWO services.

- ☒ Sample RFP document 1
- ☐ Sample RFP document2

This selection will only apply to new service requests. Selecting and deselecting RFPs above will not affect service requests already added to this FCC Form 470.

3. Select **Save & Share** or **Save & Continue**.

## Service Requests

The **Service Requests** page opens. Here you will indicate the specific services for which you are seeking bids. You will also be able to enter narrative information to provide any additional information about the requests.

**Note: The function drop-down menu for Category One services on the FCC Form 470 changed on August 26, 2017. The simplified drop-down options will apply to FCC Forms 470 filed for FY2018 on or after that date.**

**If you filed an FCC Form 470 for FY2018 before August 26, 2017, you do not need to refile your FCC Form 470. FCC Forms 470 filed using both the current and simplified drop-down options in EPC will be accepted for FY2018, subject to program rules.**

Here is a screenshot of the simplified function menu drop-downs on the FCC Form 470:

Basic Information      Service Requests      Technical Contact Information

Please select the option below that matches the services for which you are seeking bids.

### Add New Service Request

Function \*

Please select a value ▼

- Please select a value
- Leased Lit Fiber
- Internet Access & Transport Bundled
- Transport Only – No ISP Service Included
- Internet Access: ISP Service Only
- Leased Dark Fiber and Leased Lit Fiber
- Self-Provisioned Networks and Services Provided Over Third Party Networks
- Cellular Data Plan/Air Card Service
- Voice Service
- Cellular Voice
- Other

Use the information below to determine which function(s) you should use to describe the services for which you are requesting bids. Remember that your FCC Form 470 may include requests for bids under more than one function.

#### Leased Lit Fiber

You **MUST** choose the "Leased Lit Fiber" function when you are only interested in seeking bids for any Leased Lit Fiber service. That will help ensure that Leased Lit Fiber providers see your bid request.

Note that you may also consider Leased Lit Fiber bids if you use the "Leased Dark Fiber and Leased Lit Fiber" or "Self-Provisioned Network and Services Provided Over Third-Party Networks" drop-down options. Do not use any other drop-down option (e.g., "Internet Access and Transport Bundled") to request bids for Leased Lit Fiber. "Transport Only – No ISP Service" and "Internet Access and Transport Bundled" may only be used to request bids for non-fiber services.

#### Internet Access & Transport Bundled

Choose the "Internet Access and Transport Bundled" function when you are seeking bids for non-fiber services provided over third party networks that include commercial Internet Access service.

Do not use this function to request bids for Leased Lit Fiber. You may only consider proposals for Leased Lit Fiber if you have requested them using one of the following drop-down options: (1) Leased Lit Fiber; (2) Leased Dark Fiber and Leased Lit Fiber; or (3) Self-Provisioned Network and Services Provided Over Third Party Networks.

### Transport Only – No ISP Service Included

Choose the "Transport Only – No ISP Service Included" function when you are seeking bids for non-fiber services provided over third party networks that **do not** include commercial Internet Access service. Do not use this function to request bids for any fiber service. If you wish to consider bids for Leased Dark Fiber and/or Leased Lit Fiber, you must use the appropriate fiber-specific drop-down option to do so.

EPC will remind you that you may only use "Transport Only – No ISP Service Included" for non-fiber services by providing the following message:

Please select the option below that matches the services for which you are seeking bids.

**Add New Service Request**

Function \*

Transport Only – No ISP Service Included

Quantity \*

3

Unit

Minimum Capacity \*

25 Gbps

Maximum Capacity \*

25 Gbps

If you would like to receive and consider proposals for Self-Provisioned Networks, Leased Dark Fiber or Leased Lit Fiber, you should NOT use this Transport Only – No ISP Service Included function. If you are seeking bids for a Self-Provisioned Network, you must use the "Self-Provisioned Network and Services Provided Over Third Party Networks" function. If you are seeking bids for Leased Dark Fiber, you must use the "Leased Dark Fiber and Leased Lit Fiber" function. If you are seeking bids for just Leased Lit Fiber, you must use the "Leased Lit Fiber" function. Do you wish to proceed?

NoYes

Information on How to Seek Bids for Different Services:

### Internet Access: ISP Service Only

Choose the "Internet Access: ISP Service Only" function when you are seeking bids only for commercial Internet Access service. *Remember: "Internet Access: ISP Service Only" does not contain any type of transport, including Leased Lit Fiber. Do not use this drop-down option for Leased Lit Fiber.*

### Leased Dark Fiber and Leased Lit Fiber

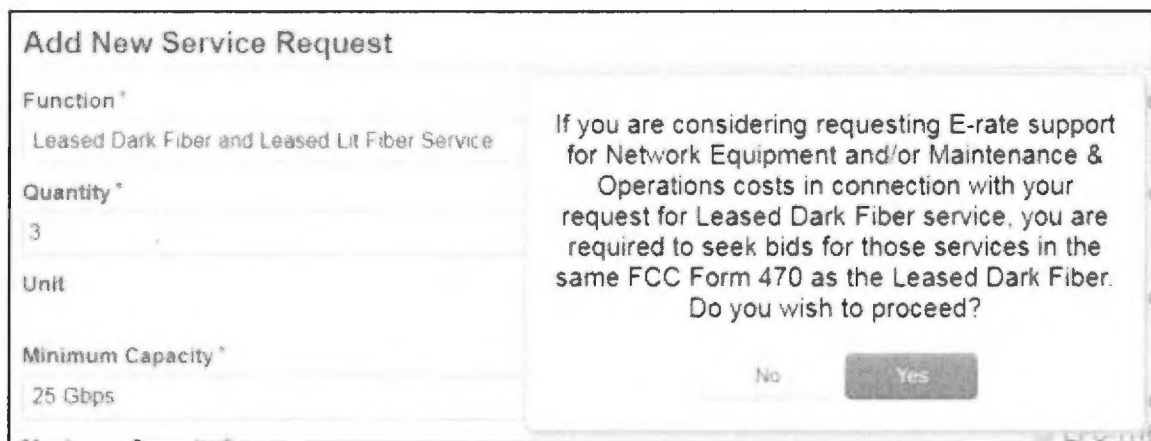
You **MUST** choose the "Leased Dark Fiber and Leased Lit Fiber" function when you are seeking bids for Leased Dark Fiber. That will help ensure that Leased Dark Fiber providers see your bid request. It will also help ensure that your bid request complies with the competitive bidding requirement that applicants that request bids for Leased Dark Fiber also request bids for Leased Lit Fiber.

**Note: Be sure to state your minimum and maximum capacity needs in the Narrative for this Leased Dark Fiber and Leased Lit Fiber request for bids, as well as the number of Leased Lit Fiber circuits being requested (EPC will prompt you to specify the number of Leased Dark Fiber strands for which you are seeking bids)**

Remember that "Transport Only – No ISP Service" and "Internet Access and Transport Bundled" may only be used to request bids for non-fiber services.

Do not use the "Transport Only – No ISP Service Included" option to seek bids for Leased Dark Fiber and/or Leased Lit Fiber.

If you are requesting E-rate discounts for Network Equipment and Maintenance & Operations related to Leased Dark Fiber, you should include those requests in the same FCC Form 470 as your "Leased Dark Fiber and Leased Lit Fiber" bid request. EPC will remind you of this by providing the following message when you select the "Leased Dark Fiber and Leased Lit Fiber" drop-down:



The screenshot shows a web form titled "Add New Service Request". On the left, there are four input fields: "Function \*" with the value "Leased Dark Fiber and Leased Lit Fiber Service", "Quantity \*" with the value "3", "Unit" which is empty, and "Minimum Capacity \*" with the value "25 Gbps". On the right, a light gray pop-up box contains the following text: "If you are considering requesting E-rate support for Network Equipment and/or Maintenance & Operations costs in connection with your request for Leased Dark Fiber service, you are required to seek bids for those services in the same FCC Form 470 as the Leased Dark Fiber. Do you wish to proceed?". At the bottom of the pop-up are two buttons: "No" and "Yes".

### **Self-Provisioned Networks and Services Provided Over Third Party Networks**

You MUST choose the "Self-Provisioned Networks and Services Provided Over Third-Party Networks" function when you are seeking bids for a Self-Provisioned Network. This choice will constitute a request for bids for a Self-Provisioned Network and services provided over third party networks on a technology-neutral basis (i.e., Leased Dark Fiber, Leased Lit Fiber, microwave, copper).

**Note: Be sure to state your minimum and maximum capacity needs in the Narrative for this Self-Provisioned Network and Services Provided Over Third-Party Networks request for bids, as well as the number of circuits you are seeking for services provided over third-party networks.**

When you choose this function, you will receive the following reminder message:



The screenshot shows a web form titled "Add New Service Request". The form has several input fields: "Function" (with a dropdown menu showing "Self-Provisioned Networks and Services Provided"), "Quantity" (with the value "3"), "Unit", "Minimum Capacity" (with the value "25 Gbps"), and "Number of ent". A modal dialog box is overlaid on the form, containing the text: "By seeking bids for a Self-Provisioned Network, you are also required to seek bids for services provided over third-party networks in this FCC Form 470. Do you wish to proceed?". Below the text are two buttons: "No" and "Yes".

### Cellular Data Plan/Air Card Service

Choose the "Cellular Data Plan/Air Card Service" function when you are seeking bids only for a commercial wireless data plan. *Remember if you are seeking cellular voice service in addition to cellular data service, you should also request services under the "Cellular Voice" function.*

### Voice Service

Choose the "Voice Service" function to request Analog, Digital, or Interconnected VoIP voice service.

### Cellular Voice

Choose the "Cellular Voice" function when you are seeking bids for only commercial wireless voice service with no data or texting services. *Remember: If you are seeking cellular data service in addition to cellular voice service, you should also request services under the "Cellular Data Plan/Air Card Service" function.*

### Other

If you are requesting bids for an eligible service that is not listed in the drop-down menu, choose the "Other" function and provide additional detail about the service by uploading an RFP document.

You must also choose this function when you are seeking support for Network Equipment (i.e., modulating electronics and other equipment necessary to make a Category One service functional). Costs associated with complex Maintenance and operation solutions for Leased Dark Fiber or a Self-Provisioned Network that require an RFP to provide sufficient details should also utilize this function. For basic Maintenance and Operations request applicants may respond affirmatively to the following question (Are you also seeking Maintenance and Technical Support for this service?) on the Add New Service Request screen as highlighted in the below screenshot.

Basic Information

Service Requests

Technical Contact Information

Procurement Information

FCC Form 470 Review

Certifications & Signature

Please select the option below that matches the services for which you are seeking bids

Add New Service Request

Function\*

Self-Provisioned Networks and Services Provided Over Third Party Networks

Quantity

Detailed in RFP

Unit

Detailed in RFP

Minimum Capacity

Detailed in RFP

Maximum Capacity

Detailed in RFP

Number of entities served?\*

Are you also seeking Installation, Activation and Initial Configuration for this service?\*

☐ Yes
☐ No

Are you also seeking Maintenance and Technical Support for this service?\*

☐ Yes
☐ No

## Add Category One Service Requests

1. Complete the Narrative section for your Category One service request.

In the **Narrative** field for services you are selecting, enter any further information supporting your request that is not already specified using the service request fields. Enter enough information as needed in order to give service providers accurate information for bidding on your requests.

For instance, applicants that use the “Leased Dark Fiber and Leased Lit Fiber” drop-down option will receive specific questions about the Leased Dark Fiber service for which they are seeking bids, but must also provide information about the Leased Lit Fiber for which they are seeking bids (e.g., minimum/maximum capacity range, pricing requests within that range, quantity requested in circuits). That information must be included in the RFP that the applicant uploads when using the “Leased Dark Fiber and Leased Lit Fiber” drop-down option (see RFPs for Service Requests above for instructions regarding including all requested connectivity solutions in an RFP), but should also be entered in the Narrative section of the form so that it is readily available on the face of the form.

The **Narrative** is also where you can inform service providers of any disqualification factors that they should know when formulating their proposals.



**NOTE:** If you also uploaded a RFP document, be sure that any narrative information does not contradict language in the RFP.

## FCC Form 470 - Funding Year 2016

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:34 PM EDT

Basic Information

Service Requests

Technical Contact Information

Procurement Information

FCC Form 470 Review

Certifications & Signature

Next, you will describe the services you are requesting.

### Service Requests: Category One

There are currently no Category One service requests. Please enter the service requests below by selecting 'Add New Service Request'.

Add New Service Request

Edit Service Request

Remove Service Request

**Narrative**

If you would like to provide further detail about the services sought, you may do so in this box below. Examples of such further detail include specific additional capacity levels that you are seeking, additional descriptions of the services bidders should be aware of or any disqualification factors.

### Service Requests: Category Two

There are currently no Category Two service requests. Please enter the service requests below by selecting 'Add New Service Request'.

Add New Service Request

Edit Service Request

Remove Service Request

**Narrative**

If you would like to provide further detail about the services sought, you may do so in this box below. Examples of such further detail include specific additional capacity levels that you are seeking, additional descriptions of the services bidders should be aware of or any disqualification factors.

Back

Discard Form

Save & Share

Save & Continue

After completing the narrative, click the **Add New Services Request** button to add a new service request for Category One.

The **Add New Service Request** page opens.

Last Saved: 5/6/2015 2:09 PM EDT

---

Basic Information      **Service Requests**      Certifications & Signature

Next, you will describe the services you are requesting.

### Add New Service Request

Function \*

Please select a value ▼

Cancel      Add

2. Use the **Function** drop-down menu to add services:

---

Basic Information      **Service Requests**      Technical Contact Information

Please select the option below that matches the services for which you are seeking bids.

### Add New Service Request

Function \*

Please select a value ▼

**Please select a value**

- Leased Lit Fiber
- Internet Access & Transport Bundled
- Transport Only – No ISP Service Included
- Internet Access: ISP Service Only
- Leased Dark Fiber and Leased Lit Fiber
- Self-Provisioned Networks and Services Provided Over Third Party Networks
- Cellular Data Plan/Air Card Service
- Voice Service
- Cellular Voice
- Other

3. Enter details for the service:
- After you have selected a Function drop-down, a screen will appear requesting specific information about the service for which you are requesting bids.
  - The required fields for each service request are indicated with a red asterisk. Enter the information requested to describe the services that you are seeking.
  - If the screen you are presented does not specifically ask you to provide information that service providers will need to respond to your request (e.g., a minimum and maximum capacity range (and requested pricing within that range) for your connectivity needs) or you need to clarify your request in any way, return to the Narrative of your bid request and enter the details in that section.

- Select **Yes** or **No** to request installation, activation, and initial configuration support for that service.
  - Select **Yes** or **No** to request Maintenance and Technical Support for the service.
  - If you have an RFP, select the RFP document that supports the request.
    - Note that if you indicated that an RFP applied to all Category One services, that RFP document will be automatically associated with this request.
    - Remember that if you are utilizing “Leased Dark Fiber and Leased Lit Fiber,” “Self-Provisioned Networks and Services Provided Over Third Party Networks,” or the “Other” options from the drop-down menu you must attach an RFP in EPC. See RFPs for Service Requests above for information about RFP requirements.
4. After you have entered the detailed information, click the **Add** button. The service type table is displayed.
  5. Click the **Add New Service Request** button again to enter additional service requests. Repeat the steps above as needed.
  6. If you wish to edit an existing service request, select the service request line and then click **Edit Service Request**, or if you wish to delete a service request, select the line and then click **Remove Service Request**.

Service Requests: Category One

Please enter the service requests below by selecting 'Add New Service Request'

<input checked="" type="checkbox"/>	Service Type	Function	Minimum Capacity	Maximum Capacity	Entries	Quantity	Unit	Installation and Initial Configuration?	Maintenance and Technical Support?	Assoc. RFPs
<input checked="" type="checkbox"/>	Internet Access and/or Telecommunications	Internet Access and Transport Bundled	300 Mbps	5 Gbps	12	2	Circuits	Yes	Yes	Categ

Add New Service Request

Edit Service Request

Remove Service Request

## Installment Payment Plan

Applicants requesting bids for a fiber service that includes charges for special construction may request that service providers allow them to pay the non-discount share of the special construction charges in installments over a period of no more than four years. The request must be stated in the applicant's FCC Form 470 requesting bids for the fiber service, however.

Note that service providers are not obligated to offer an installment payment option in their bid response.

### Installment Payment Plan

Are you seeking an installment payment plan for the non-discounted portion of any special construction charges associated with the request(s) listed above? \*

☒ Yes  
☐ No

Over how many years do you wish to amortize the costs? \*

Please select a value

Please select a value

Please select a range of years above.

Do you prefer annual or monthly payments? \*

☐ Annual  
☐ Monthly

- a) Select the number of years for the installment payments (from 1 to 4 years). These are the minimum and maximum values for the number of years you wish to amortize the payments. You are not obligating yourself to these specific timeframes, though the installment payments cannot exceed four years. Select your payment preference, annual or monthly.

## Category Two: Internal Connections and Basic Maintenance of Internal Connections Service Requests

1. Click **Add New Service Request** under Category Two.

### Service Requests: Category Two

There are currently no Category Two service requests. Please enter the service requests below by selecting 'Add New Service Request'

[Add New Service Request](#) [Edit Service Request](#) [Remove Service Request](#)

**Narrative**  
If you would like to provide further detail about the services sought, you may do so in this box below. Examples of such further detail include specific additional capacity levels that you are seeking, additional descriptions of the services bidders should be aware of or any disqualification factors.

[Back](#) [Discard Form](#) [Save & Share](#) [Save & Continue](#)

2. Click the radio button for the service type you are seeking. If you are not sure which service type to request, consult the [FCC's Eligible Services List](#).

**Add New Service Request**

Service Type \*

☐ Internal Connections

☐ Basic Maintenance of Internal Connections

☐ Managed Internal Broadband Services

3. Select the function for the new service using the drop-down menu.

**Add New Service Request**

Service Type \*

☐ Internal Connections

☒ Basic Maintenance of Internal Connections

☐ Managed Internal Broadband Services

Function \*

Router

Please select a value

Antennas, Connectors, and Related Components

Cabling

Caching

Firewall Service and Components

Racks

Router

Switches

UPS/Battery Backup

WAP

Wireless Controller

Complete the required fields, as indicated with a red asterisk. The system will present you with the additional entries you need to provide for the function type you chose: Quantity, Unit, Manufacturer, and Installation.

**Add New Service Request**

Service Type \*

☒ Internal Connections

☐ Basic Maintenance of Internal Connections

☐ Managed Internal Broadband Services

Function \*

Cabling

Quantity

Unit

Feet

Manufacturer

No Preference

Number of entities served?

2

Are you also seeking Installation, Activation and Initial Configuration for this service? \*

☒ Yes

☐ No

Please select the RFP(s) that apply to this service request.

☐ Sample RFP document 1

☒ Sample RFP document 2

Cancel

Add

4. To indicate to potential bidders the size and scope of your project, provide your best estimate of the number of items you are seeking in the **Quantity** field. Bidders are free to propose a higher or lower number in their bids based on their assessment of your needs, and you will not be held to the number you enter as an upper limit when you file your FCC Form 471.
5. The **Unit** field will automatically populate the appropriate measure depending on the choice you made in the **Function** menu.
6. In the menu choices available from the **Manufacturer** drop-down menu, note that specific manufacturer names are all followed by the words "or equivalent" so that your request is compliant with program rules.  
**Note:** For Basic Maintenance of Internal Connections requests, the choices in the **Manufacturer** drop-down menu do not include the words "or equivalent" because you already have the equipment.
7. Select the RFP that applies to this service. Note that if you indicated that an RFP applied to all Category Two services, that RFP document will be automatically associated with this request.
8. When you have provided all of the required entries, click **Add**.
9. The service type table is displayed. Click the **Add New Service Request** button again to enter additional service requests. Repeat the steps above as needed.
10. If you wish to edit an existing service request, select the service request line and then click **Edit Service Request**, or if you wish to delete a service request, select the line and then click **Remove Service Request**.

**Service Requests: Category Two**

Please enter the service requests below by selecting 'Add New Service Request'

<input type="checkbox"/>	Service Type	Function	Manufacturer	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
<input checked="" type="checkbox"/>	Basic Maintenance of Internal Connections	Router	No Preference	1	2	Each		Category2RFP
<input type="checkbox"/>	Basic Maintenance of Internal Connections	Router	3Com	2	2	Each		Category2RFP

Add New Service Request
Edit Service Request
Remove Service Request

11. Enter any additional information in the **Narrative** field. For example, you may wish to add additional capacities that you are seeking bids on, or disqualification factors. Enter as much information as possible in order to give service providers accurate information for bidding on your requests.
12. When you have entered all of the information for the requested services, select **Save & Share** or **Save & Continue**.

## Category Two: Managed Internal Broadband Service Requests

1. Click **Add New Service Request** under Category Two.

**Service Requests: Category Two**

There are currently no Category Two service requests. Please enter the service requests below by selecting 'Add New Service Request'.

**Add New Service Request**   [Edit Existing Request](#)   [Withdraw Service Request](#)

**Narrative**  
If you would like to provide further detail about the services sought, you may do so in this box below. Examples of such further detail include specific additional capacity levels that you are seeking, additional descriptions of the services bidders should be aware of or any disqualification factors.

[Back](#)   [Discard Form](#)   [Save & Share](#)   [Save & Continue](#)

2. Click the radio button for Managed Internal Broadband Services.
3. Choose either Leased Equipment or Existing Equipment using the **Function** drop-down menu.

**Add New Service Request**

**Service Type \***

☐ Internal Connections  
☐ Basic Maintenance of Internal Connections  
☒ Managed Internal Broadband Services

**Function \***

Please select a value  
Leased Equipment  
Existing Equipment

4. Complete the required fields, as indicated with a red asterisk. The system will present you with an additional data field to enter the number of entities served by this request.
5. Select the RFP that applies to this service. Note that if you indicated that an RFP applied to all Category Two services, that RFP document will be automatically associated with this request.
6. When you have provided all of the required entries, click **Add**.

**Add New Service Request**

**Service Type \***

☐ Internal Connections  
☐ Basic Maintenance of Internal Connections  
☒ Managed Internal Broadband Services

**Function \***

Leased Equipment

**Number of entities served? \***

3

**Please select the RFP(s) that apply to this service request.**

☐ Sample RFP Document 3  
☐ Sample RFP Document 4

[Cancel](#)   [Add](#)

7. The service type table is displayed. Click the **Add New Service Request** button again to enter additional service requests. Repeat the steps above as needed.

**Service Requests: Category Two**

Please enter the service requests below by selecting 'Add New Service Request'

<input checked="" type="checkbox"/>	Service Type	Function	Manufacturer	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
<input checked="" type="checkbox"/>	Managed Internal Broadband Services	Leased Equipment		3				Sample RFP Document 3

**Add New Service Request** **Edit Service Request** **Remove Service Request**

8. If you wish to edit an existing service request, select the service request line and then click **Edit Service Request**, or if you wish to delete a service request, select the line and then click **Remove Service Request**.
9. Enter any additional information in the **Narrative** field. For example, you may wish to add additional capacities that you are seeking bids on, or disqualification factors. Enter as much information as possible in order to give service providers accurate information for bidding on your requests.
10. When you have entered all of the information for the requested services, select **Save & Share** or **Save & Continue**.

## Technical Contact Information

1. Indicate if there is a technical contact person who can provide additional information for your application.

**FCC Form 470 - Funding Year 2016**

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:52 PM EDT

Basic Information Service Requests **Technical Contact Information** Procurement Information FCC Form 470 Review Certifications & Signature

Next, please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking.

**Technical Contact Person**

Is there a person who can provide additional technical details or answer specific questions from service providers about the services you are seeking? \*

Yes No

Back Discard Form Save & Share Save & Continue



2. If yes, you can **Search EPC System** for the contact details or enter the details manually.

**Technical Contact Person**

Is there a person who can provide additional technical details or answer specific questions from service providers about the services you are seeking?

☒ Yes ✓ ☐ No

How would you like to enter the technical contact details? \*

3. Enter the email address of a user in EPC, or enter the contact information manually.
4. After you have chosen or entered the technical contact person, select **Save & Share** or **Save & Continue**.

## Procurement Information

Select **Yes** or **No** to indicate if there are state or local procurement requirements that apply to the services you are procuring. If you are subject to any such restrictions, you must select **Yes** and provide a description of the restrictions or procedures. For example, state bidding requirements might prohibit contacts between bidders and buyers between the time an official RFP is issued and when bids are due, or they may allow only written contacts. Applicants must always comply with any applicable state or local requirements when participating in the competitive bidding process used in the E-rate Program.

**FCC Form 470 - Funding Year 2016**

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:55 PM EDT

Basic Information

Service Requests

Technical Contact Information

Procurement Information

FCC Form 470 Review

Certifications & Signature

Next, you will enter all information regarding state and local procurement rules.

**State or Local Procurement Requirements**

Are there state or local procurement/competitive bidding requirements that apply to the procurement of services sought? \*

☐ Yes ☐ No

## Review and Certify FCC Form 470

You have completed entering the information for the FCC Form 470. You can choose to **Save & Share** with other members of your organization, or you can proceed to review the form.

**FCC Form 470 - Funding Year 2016**

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:55 PM EDT

Basic Information Service Requests Technical Contact Information Procurement Information **FCC Form 470 Review** Certifications & Signature

Next, you will enter all information regarding state and local procurement rules.

**State or Local Procurement Requirements**

Are there state or local procurement/competitive bidding requirements that apply to the procurement of services sought?

Yes No ✓

Back Discard Form Save & Share Review FCC Form 470

If you select **Review FCC Form 470**, the system will generate a PDF. Wait for approximately a minute, and then click **Refresh** to display a link to download the form.

**NOTE:** The system will display an animated waiting symbol. Wait approximately one minute, and then click **Refresh**.

**FCC Form 470 - Funding Year 2016**

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:57 PM EDT

Basic Information Service Requests Technical Contact Information Procurement Information **FCC Form 470 Review** Certifications & Signature

PDF is generating and may take up to one minute to complete. Please hit refresh to check if document generation is complete.

➔

Refresh

When the PDF is ready, select the link to download it.

### FCC Form 470 Draft

When you select the link to the application, a PDF file downloads to your computer. Open the PDF to review the contents.

The form should reflect your application. Confirm the service requests, contact information, eligible entities, any consultants, RFP documents, etc.

**DRAFT**

**USAC** FCC Form 470 – Funding Year 2016  
Form 470 Application Number: 160000119  
My Submission Date

**Basic Information**  
 School Name: Washington High School  
 Address: 25011 30th NW, Washington, DC 20006  
 Phone: 202-638-1212  
 Email: washingtonhigh@usac.com

**Billed Entity Number:** 173  
**FCC Registration Number:** 222114415

**Application Type:**  
 Applicant Type: School  
 Recipient of Services: Public, Private

**Number of Eligible Entities:** 1

**Consulting Firm:**

Name	Consultant Registration Number	Phone Number	Email
MSAC Consulting	111	202-638-1212	admin@msacconsulting.com
USAC Consulting Firm 1			usac_consulting_firm1@usac.org

**Eligible Entities:**

Name	Phone Number	Email
Entity 1		

**Categories of Service Requests**

Category	Sub-category	Amount	Comments
Instructional	Classroom	10000	
Instructional	Classroom	10000	
Instructional	Classroom	10000	

**Download Document Link**  
 USAC\_FCC\_FORM\_470\_APPLICATION\_160000119\_DRAFT

**Back** **Send for Certification**

If you need to make any changes to your application, you can click the **Back** button to return to entering information.

If you are satisfied with the contents of the form, you can now proceed to certification.

- If you are a partial rights user you can click the **Send for Certification** button. You will see a notice that your form will be sent to the full rights users in your organization. Click **Yes** to proceed.
- You have completed the steps needed to create the FCC Form 470. See [Full Rights User Certifying for Partial Rights User](#) below for information on how the full rights user can certify the form.

Last Saved: 6/18/2015 12:11 PM EDT

**Basic Information** **Service Requests** **Technical Contact Information** **Procurement Information** **FCC Form 470 Review** **Certifications & Signature**

Please download and carefully review this FCC Form 470 before sending for certification. Please note, once you click Send for Certification, you will no longer be able to edit this form. However, the full rights users in your organization will be able to make any edits to the form prior to certifying the form.

**Download Document Link**  
 USAC\_FCC\_FORM\_470\_APPLICATION\_160000119\_DRAFT

**Back** **Send for Certification**

If you are a full rights user, check the checkbox certifying that the information is correct, or select **Back** to go back and make changes. Once the form is ready you can:

Choose **Send for Certification** to send the form to other full rights users in your organization.

Choose **Continue to Certification** to certify the form yourself. If you choose **Continue to Certification**, you will see the **Certifications** page.

## FCC Form 470 - Funding Year 2016

Washington High School - My Nickname Here - Form #160000194

Last Saved: 6/23/2015 5:57 PM EDT

Basic Information

Service Requests

Technical Contact  
Information

Procurement  
Information

FCC Form 470 Review

Certifications &  
Signature

Please download and carefully review this FCC Form 470 before certifying.

Download Document Link

USAC\_FCC\_FORM\_470\_APPLICATION\_160000194\_DRAFT

☒ By checking this box, I certify that the information in the PDF document above is correct.

Back

Send for Certification

Continue to Certification

# Certify FCC Form 470

Read the certification text carefully. Check each checkbox confirming your compliance.

Please complete the certifications below.

### Applicant Certifications

☒ I certify that the applicant includes schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7901 (18) and (33), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million.

### Other Certifications

☒ I certify that this FCC Form 470 and any applicable RFP will be available for review by potential bidders for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.

☒ I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may 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.

☒ 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 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 certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. 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. § 54.503, 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 form have not received anything of value or a promise of anything of value, 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 acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing 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 I have considered what financial resources should be available to cover these costs. I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

### NOTICE

In accordance with Section 54.503 of the Federal Communications Commission's rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator, 47 C.F.R. § 54.503(c). 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 competitive bidding requirement contained in 47 C.F.R. § 54.503. 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 this application 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 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, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

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 may delay processing of your application or may return your form 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 3 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.

[Back](#) [Certify](#)

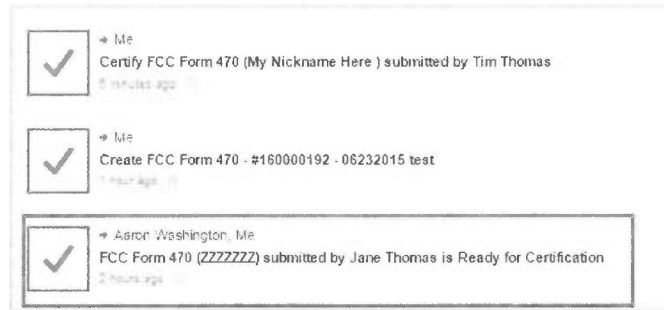
Once you have checked each of the boxes to complete the certifications, click the **Certify** button. Clicking this button is equivalent to providing your electronic signature.

Read the message regarding the certification, then click **Yes** if you agree. Once you click on the confirmation message, the form will be certified and will be posted on the USAC website for potential

bidders. This action will start your 28-day waiting period. You will see the certified form on your **Tasks** list.

### Full Rights User Certifying FCC Form 470 from Partial Rights User

If you are a full rights user in the system, once a partial rights user created an FCC Form 470, you will receive a task in your task list to certify the form.



1. Click on the task and then accept the task to certify the form.
2. Click on the link for the form.
3. Download the document and review the PDF as described above.
4. You can select the **Edit** button to make any needed changes to the form. This will open the form starting with the **Basic Information** page. Continue through the steps to make any necessary changes.
5. If the form is acceptable, click the checkbox indicating that the PDF document is accurate, and then click the **Continue to Certification** button.

A screenshot of the 'FCC Form 470 - Funding Year 2016' certification page. The page title is 'FCC Form 470 - Funding Year 2016' followed by 'Washington High School - ZZZZZZ - Form #160000188'. Below this, it says 'Last Saved: 8/23/2015 6:18 PM EDT'. There is a progress bar with six steps: 'Basic Information', 'Service Provided', 'Technical Details', 'Procurement Information', 'FCC Form 470 Review', and 'Certifications & Signature'. The 'FCC Form 470 Review' step is currently active. The main content area says 'Please download and carefully review this FCC Form 470 before certifying.' and provides a 'Download Document Link' with the URL 'USAC\_FCC\_FORM\_470\_APPLICATION\_160000188\_DRAFT'. Below the link is a checkbox labeled 'By checking this box, I certify that the information in the PDF document above is correct.' which is currently checked. At the bottom, there are three buttons: 'Back', 'Send for Certification', and 'Continue to Certification'.


6. Read the confirmation pop-up window, then choose **Yes** to proceed to the certifications page.
7. Once you have checked each of the boxes to complete the certifications, click the **Certify** button. Clicking this button is equivalent to providing your electronic signature.
8. Read the message regarding the certification, then click **Yes** if you agree. Once you click on the confirmation message, the form will be certified and will be posted on the USAC website for potential bidders. This action will start your 28-day waiting period. You will see the certified form on your **Tasks** list.


## After FCC Form 470 is Certified

Once you certify your FCC Form 470, it is posted to the USAC EPC portal for potential bidders. Your form must be available for at least 28 days before you can select a service provider, sign a contract or enter into an agreement for services, or sign or submit an FCC Form 471. After you sign a contract or select a service provider – and after the FCC Form 471 application filing window has opened – you (or the billed entities you represent) can initiate the next step in the application process, the filing of FCC Form 471. Upon processing or posting of the FCC Form 470, USAC will notify you of the earliest date upon which you may sign a contract or select a service provider for new services or file FCC Form 471. This date will be referred to as the “Allowable Vendor Selection/Contract Date.”

## FCC Form 470 Receipt Notification

Once the form is received by USAC, a notification appears in the **News** feed for all members of your organization. This message confirms that the form has been certified, provides the Allowable Vendor Selection/Contract Date for your form and information about next steps, including how to submit ministerial and clerical error corrections.



**USAC's Internal System**  FCC Form 470 -  for Funding   
Year 2016 was successfully posted to the USAC website on 6/29/2015. This posting begins the required 28 day competitive bidding process.



It is important that you review this form now to make sure the products and services you require have been correctly posted and, if necessary, take any appropriate corrective action as soon as possible. You are allowed to correct certain errors on your form but not others. For fields that allow a correction, you will be able to edit the information in the form field directly.

To determine what corrections are allowable and why, see the “List of correctable ministerial and clerical errors” on our website.

**NEXT STEPS**

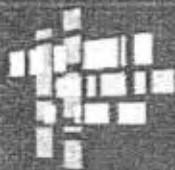
- Make sure that you wait 28 days before you select your service provider(s) and sign any contracts.
- Use the Form 470 Application Number shown above in any Form 471, Block 5 Funding
- Request that cites this Form 470. Share this number with those schools and/or libraries who may wish to ...**More**

**My first form - #160000** **#165 - Center High Sc**

A moment ago   **Comment** **More Info** ▼

**TAB 14**





**Universal Service  
Administrative Co.**

# Schools and Libraries Program News Brief

SPECIAL EDITION

**August 22, 2017**

## **Simplified Drop-down Options for Eligible Services on FY2018 FCC Form 470**

On Saturday, August 26, 2017, a simplified set of drop-down options will be available to applicants completing FCC Form 470 to request bids for eligible services in the E-rate Productivity Center (EPC). The simplified drop-down options will apply to FCC Forms 470 filed for FY2018 on or after that date. If you have already filed an FCC Form 470 for FY2018, or plan to do so between now and August 26, 2017, you do not need to refile FCC Form 470. FCC Forms 470 filed using both the current and simplified drop-down options in EPC will be accepted for FY2018, subject to program rules.

### **GUIDELINES AND TIPS ON THE SIMPLIFIED FCC FORM 470 DROP-DOWN OPTIONS**

#### **Why has USAC streamlined the drop-down menu options in EPC for applicants filing FCC Form 470?**

Applicants complete FCC Forms 470 by submitting information in EPC. One feature of the FCC Form 470 in EPC is a drop-down menu from which applicants can select the eligible services for which they would like to seek bids. After the close of competitive bidding for FY2016 and FY2017, USAC received helpful feedback from program participants indicating confusion about the EPC drop-down menu options that should be used to seek bids for certain eligible services (particularly fiber services), and which options should be used to comply with the specific competitive bidding requirements applicable to Leased Dark Fiber and Self-Provisioned Networks.

The simplified drop-down menu options to be implemented on August 26 address these issues, and are accompanied by additional helper text to assist applicants with identifying the options that should be used to effectively request bids for particular eligible services. In addition, these simplified options and accompanying filing guidance will help streamline search efforts for service providers by making it easier for them to identify bid requests for fiber and other eligible services.

#### **Has anything else changed about how applicants complete FCC Form 470 through EPC?**

No. The amount and type of information that applicants are required to submit and certify when completing FCC Form 470 through EPC will not change. The only changes being made on August 26 are to the presentation of the eligible service drop-down options in the EPC tool, and the provision of additional helper text in EPC.

#### **How do the simplified drop-down options in EPC assist applicants with complying with the competitive bidding rules applicable to Leased Dark Fiber and Self-Provisioned Networks?**

The competitive bidding rules specific to Leased Dark Fiber and Self-Provisioned Networks require applicants to request competitive bids for certain additional services when considering either solution. The simplified drop-down options in EPC make it easier for applicants to comply with these requirements by including the additional services for which applicants are required to seek bids in the same drop-down option when requesting bids for Leased Dark Fiber or a Self-Provisioned Network. Previously, applicants had to use multiple, separate drop-down options to request bids for these additional services.

Specifically:

- **Leased Dark Fiber:** Pursuant to program rules, applicants considering a Leased Dark Fiber solution for their connectivity needs must also request bids for a Leased Lit Fiber solution. The

simplified drop-down option in EPC makes it easier for applicants to comply with this requirement by providing a combined "Leased Dark Fiber and Leased Lit Fiber" selection that **must** be used if an applicant wishes to consider proposals for Leased Dark Fiber. Required use of this drop-down option will help ensure that applicants complete FCC Forms 470 to request bids for both types of services. Of course, applicants can request bids for additional services by using additional drop-down options.

- **Self-Provisioned Networks:** Program rules require applicants that are considering a Self-Provisioned Network solution for their connectivity needs to also request bids for services provided over third-party networks. To facilitate compliance with this requirement, the simplified drop-down option in EPC now features a combined "Self-Provisioned Network and Services Provided Over Third-Party Networks" selection that **must** be used if an applicant wishes to consider proposals for a Self-Provisioned Network. Using this drop-down option will help ensure that applicants complete the FCC Form 470 to request for bids for a Self-Provisioned Network, as well as for services provided over third party networks on a technology-neutral basis (e.g., Leased Lit Fiber, Leased Dark Fiber, microwave).

Of course, simply listing all desired and required services for which an applicant is seeking bids in an FCC Form 470 does not fulfill an applicant's obligation to conduct an open and fair competitive bidding process and select the most cost-effective service offering. Applicants are responsible for ensuring that they take all steps necessary to comply with program rules. The simplified drop-down options will, however, help applicants avoid the potential misstep of not effectively seeking bids for all required services when considering a Leased Dark Fiber or Self-Provisioned Network solution.

#### **What if we are only interested in a Leased Lit Fiber solution?**

Applicants who are only interested in considering Leased Lit Fiber proposals must use the "Leased Lit Fiber" drop-down option in the simplified EPC menu implemented on August 26.

Of course, as stated above, applicants will also be able to consider Leased Lit Fiber proposals if they are requested by using the "Leased Dark Fiber and Leased Lit Fiber" or "Self-Provisioned Network and Services Provided Over Third-Party Networks" drop-down options. As discussed in more detail below, however, applicants must not use any other drop-down option (e.g., "Internet Access and Transport Bundled") to request bids for Leased Lit Fiber after the simplified drop-down options are made available on August 26.

#### **When the simplified drop-down options are implemented in EPC, may "Transport Only – No ISP Service" be used to seek bids for Leased Dark Fiber and "Internet Access and Transport Bundled" be used to seek bids for Leased Lit Fiber?**

No. After the simplified drop-down options are implemented, applicants who wish to consider proposals for Leased Dark Fiber or Leased Lit Fiber must request them using the fiber-specific drop-down options provided. "Transport Only – No ISP Service" and "Internet Access and Transport Bundled" will remain options in the EPC drop-down tool, but may only be used to request bids for non-fiber services. These instructions are stated in the helper text that will accompany the simplified drop-down options, and will help reduce confusion about the options applicants should use when seeking bids for fiber services. It will also help service providers identify and respond to the full scope of FCC Forms 470 requesting bids for fiber services.

Applicants should:

- Use the "Transport Only – No ISP Service Included" drop-down option when they are interested in considering proposals for transport services provided over third party networks that do not include commercial Internet Access service, other than Leased Dark Fiber (e.g., copper, microwave). *Reminder: Applicants interested in considering proposals for a Leased Dark Fiber solution must request bids for Leased Dark Fiber by using the "Leased Dark Fiber and Leased Lit Fiber" drop-down option in EPC.*
- Use the "Internet Access and Transport Bundled" drop-down option when they are seeking bids for managed services provided over third party networks that include commercial Internet Access service, other than Leased Lit Fiber (e.g., DSL). *Reminder: Applicants interested in considering proposals for a Leased Lit Fiber solution must request bids using the "Leased Lit Fiber" drop-down unless they have already requested bids using the "Leased Dark Fiber and Leased Lit Fiber" or "Self-Provisioned Network and Services Provided Over Third-Party Networks" drop-down options in EPC.*

#### **Has anything changed about how applicants should seek bids for just internet access?**

No. Applicants will continue to use the "Internet Access: ISP Service Only" function when seeking bids for commercial Internet Access service only, or in conjunction with a separate transport solution. *Remember: "Internet Access: ISP Service Only" does **not** contain any type of transport, including Leased Lit Fiber.*

#### **What drop-down options will be available for Voice and/or Cellular Service?**

- Use the "Cellular Data Plan/Air Card Service" drop-down option when you are only seeking bids for a commercial wireless data plan only. *Please Note: If you are seeking cellular voice service in addition to cellular data service, also utilize the "Cellular Voice" function.*
- Use the "Cellular Voice" drop-down when you are only seeking bids for commercial wireless voice service with no data or texting services. *Please Note: If you are seeking cellular data service in addition to cellular voice, you should also utilize the "Cellular Data Plan/Air Card Service" function.*
- Use the "Voice Service" drop-down option to request Analog, Digital, or Interconnected VoIP voice service.

#### **What if the service I want is not listed in the simplified set of drop-down options?**

Use the "Other" drop-down and provide additional detail about this service by uploading an RFP document. This option should also be selected if you are seeking support for: (a) Network Equipment, such as modulating electronics and other equipment necessary to make a Category One service functional; or (2) maintenance and operation costs for Leased Dark Fiber or a Self-Provisioned Network.

#### **What if I've already filed an FY2018 FCC Form 470 for eligible services?**

If you have already filed an FCC Form 470 using the current drop-down options in EPC, you do not need to refile an FCC Form 470. Your existing FCC Form 470 filing for FY2018 will remain an effective request for bids for the eligible services that you identified, subject to program rules.

If you would like to refile your FCC Form 470 to use the simplified drop-down options, you may do so. Please be advised, however, that filing a new FCC Form 470 will restart the competitive bidding process for those services, and you will be required to comply with all program rules applicable to a new competitive bidding process, including the requirement to wait 28 days before entering an agreement with a service provider.

#### **Will USAC publish instructions and/or guides with more information about using the new drop-down options in EPC when completing an FCC Form 470?**

Yes, USAC will publish a user guide to help applicants familiarize themselves with using the new drop-down options. This information will be posted to the website by August 26, 2017.

#### **Who can I contact if I still have questions about how to use the new drop-down options in EPC after reviewing the user guide?**

If you have questions concerning the new drop-down options that are not addressed here or in the reference material available via our website and EPC, or about the E-rate program generally, please contact the Client Service Bureau at (888) 203-8100.

To subscribe, click here: [Subscribe](#).

©1997-2017, Universal Service Administrative Company, All Rights Reserved.  
USAC | 700 12th Street NW | Suite 900 | Washington, DC 20005

**TAB 15**



## FCC Form 470 – Funding Year 2018

Form 470 Application Number: 180001184

MEC-470-18

### Billed Entity

MID-EAST CAREER AND TECHNOLOGY CENTERS  
400 RICHARDS ROAD  
ZANESVILLE, OH 43701  
740-454-0105

### Contact Information

SANDY SPENCER  
sjs@smserate.com  
614-882-0596

**Billed Entity Number:** 209880

**FCC Registration Number:** 0011993565

### Application Type

**Applicant Type:** School District

**Recipients of Services:** Public School; Public School District

**Number of Eligible Entities:** 3

### Consulting Firms

Name	Consultant Registration Number	Phone Number	Email
Strategic Management Solutions	16054698	614-882-0596	jas@smserate.com

### Consultants

Name	Phone Number	Email
SANDY SPENCER	614-882-0596	sjs@smserate.com

### RFPs

Id	Name
----	------

### Category One Service Requests

Service Type	Function	Other	Minimum Capacity	Maximum Capacity	Entities	Quantity	Unit	Installation and Initial Configuration?	Maintenance and Technical Support?	Associated RFPs
Internet Access and/or Telecommunications	Internet Access & Transport Bundled		200 Mbps	5 Gbps	2	2	Circuits	Yes	Yes	
Internet Access and/or Telecommunications	Leased Lit Fiber		200 Mbps	5 Gbps	2	2	Circuits	Yes	Yes	
Internet Access and/or Telecommunications	Internet Access: ISP Service Only		200 Mbps	5 Gbps	2			Yes	Yes	

Not a 470 service

### Description of Other Functions

Id	Name
----	------

### Narrative

Seeking bids for the following services:

Internet Access and/or Telecommunications: Internet Access and Transport Bundled

Internet Access and/or Telecommunications: Leased Lit Fiber

Internet Access and/or Telecommunications: ISP service Only

Please provide bids at the following minimum bandwidths for each of the buildings listed:

Zanesville Campus - 500 Mbps.

Buffalo Campus - 200 Mbps.

All bid proposals are to be submitted via e-mail to the Technical Contact listed on this form. Potential bidders are reminded of the E-Rate program requirement to provide the Lowest Corresponding Price (LCP) to E-Rate applicants.

### Category Two Service Requests

Service Type	Function	Manufacturer	Other	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
Basic Maintenance of Internal Connections	Firewall Service and Components	Cisco Systems		2	1	Each		
Basic Maintenance of Internal Connections	Wireless Controller	Extreme Networks		2	2	Each		
Basic Maintenance of Internal Connections	Router	Extreme Networks		2	2	Each		
Internal Connections	WAP	No Preference			273	Each	Yes	

### Description of Other Manufacturers

Id	Name
----	------

#### Narrative

Seeking Basic Maintenance for 1 Cisco Firewall, 2 Extreme Network LAN Controllers, and 2 Extreme Network Routers.

Seeking approximately 273 access points with associated licenses.

Seeking installation for access points. Provide separate pricing for installation.

All bid proposals are to be submitted via e-mail to the Technical Contact listed on this form. Potential bidders are reminded of the E-Rate program requirement to provide the Lowest Corresponding Price (LCP) to E-Rate applicants.

### Technical Contact

Aaron Winland

Technology Services Manager

740-454-0105

aawinland@mideastctc.org

### State and Local Procurement Restrictions

### Recipients of Service

Billed Entity Number	Billed Entity Name
209880	MID-EAST CAREER AND TECHNOLOGY CENTERS

### Certifications

I certify that the applicant includes:

I certify that the applicant includes 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.

### Other Certifications

I certify that this FCC Form 470 and any applicable RFP will be available for review by potential bidders for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology goals.



I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form may 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.

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 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 certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. 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 form have not received anything of value or a promise of anything of value, 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 acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing 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 I have considered what financial resources should be available to cover these costs. I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

#### NOTICE:

In accordance with Section 54.503 of the Federal Communications Commission's ("Commission") rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.503. 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 competitive bidding requirement contained in 47 C.F.R. § 54.503. 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 requested in this form. We will use the information you provide to determine whether you have complied with the competitive bidding requirements applicable to requests for universal service discounts. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, the information you provide in this form 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 you provide in this form 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, information provided in or submitted with this form, or in response to subsequent inquiries, may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide in this form 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 Universal Service Administrator may return your form without action or deny a related request for universal service discounts.

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 3.5 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](mailto:PRA@FCC.gov). DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

Rick White  
MID-EAST CAREER AND TECHNOLOGY CENTERS  
400 RICHARDS ROAD  
ZANESVILLE, OH 43701  
740-454-0105  
[rwhite@mid-eastctc.org](mailto:rwhite@mid-eastctc.org)

Certified Timestamp

01/22/2018 08:07 AM EST