



July 26, 2013

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

RE: APPEAL OF MAY 30, 2013 FUNDING COMMITMENT DECISION LETTER for FY2012 (Year 15) FRN 2373921, FORM 471 APPLICATION NUMBER 870525

CC DOCKET NO. 02-6

To Whom It May Concern:

Environmental Charter Schools Administration requests reconsideration of the Funding Commitment Decision for Funding Request Number (FRN) 2373921.

Detailed contact information

Appellant/Organization Name:	Environmental Charter Schools Administration
Billed Entity Number:	16056748
Contact Person Name:	Quynh Tran
Contact Mailing Address:	16315 Grevillea Avenue, Lawndale, CA 90260
Contact Phone Number:	(310) 214-3400
E-mail address:	erate@ecsonline.org

Environmental Charter Schools Administration (ECS or "District"), Billed Entity Number 16056748, is appealing the Funding Commitment Decision Letter (FCDL) for Funding Year 2012 dated May 30, 2013 for Funding Request Number (FRN) 2373921.

Specifically the District is appealing the FCDL decision that "Thirty percent or more of this FRN includes a request for PVS 200IP system which is a 100% ineligible product based on Program rules."

Summary of Appeal Request

Environmental Charter Schools Administration is filing this appeal based on the fact that the District applied for funding in good faith using all publicly available information. All indications, including 1) the Eligible Services List (ESL) for Funding Year 2012 as established by the FCC and 2) the Universal Service Administrative Company (USAC) Eligible Products Database, are that the products and services are eligible as requested. To date, nothing publicly available from Universal Service Administrative Company (USAC) contradicts this.





Grounds for Appeal

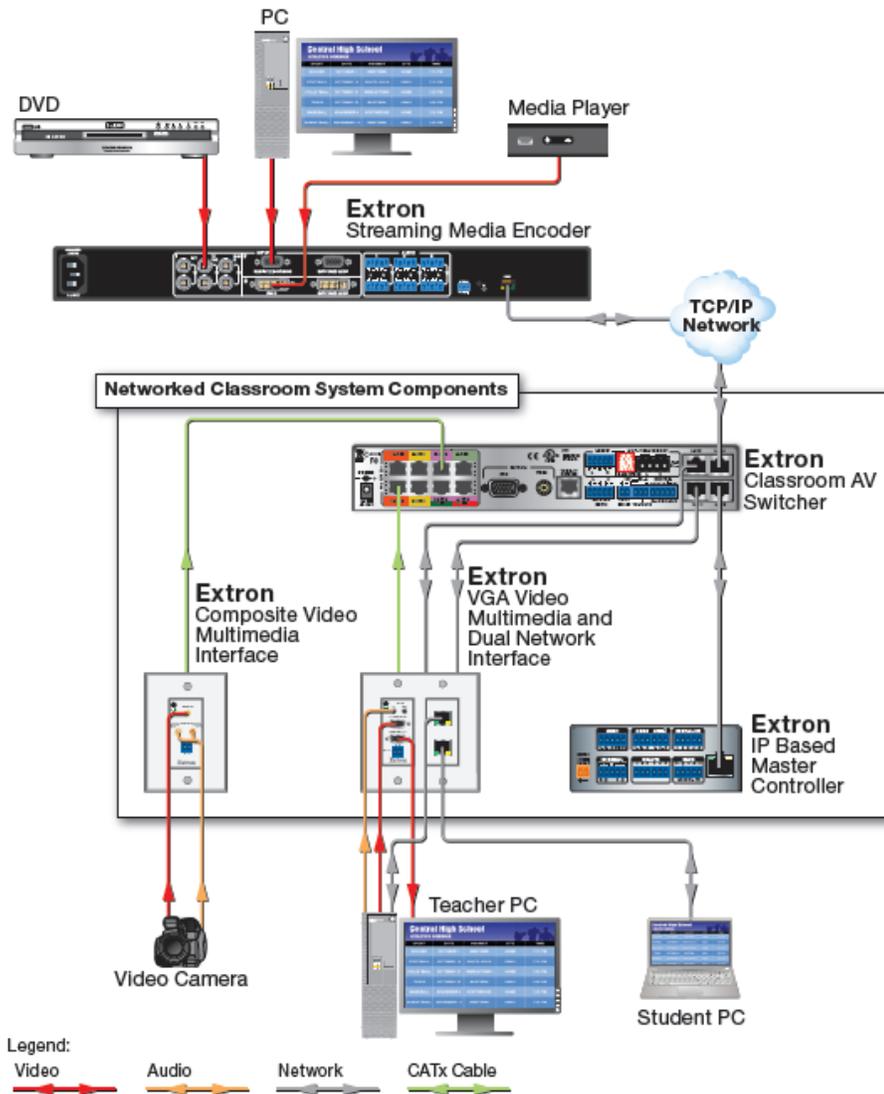
1. Extron PoleVault systems have been eligible and funded in FY2011 (Year 14) and prior years, as eligible Video Components.
2. The ESL for FY2012 lists specific Video Components as eligible under Internal Connections. The Extron PoleVault systems are primarily comprised of these eligible Video components plus miscellaneous other eligible IC components. *(See Attached)*
3. The USAC Eligible Products Database (EPD) listed PoleVault systems as eligible at the time the FRN was submitted.
4. The EPD currently lists the PoleVault systems as eligible. *(See Attached)*
5. There is no significant change from the FY2011 ESL to the FY2012 ESL which would cause the PoleVault system to change from eligible in FY2011 to FY2012.
6. Ineligible components such as speaker, speaker cable, projector mount and projector cable are already cost allocated out of the funding request in compliance with the cost allocation process indicated under Special Eligibility Conditions section of the ESL FY2012. *(See Attached)*

Additional Information

According to all of the public information posted and provided by the FCC and USAC, the Extron PoleVault Systems are eligible as Video Components under the Internal Connections Category of the Eligible Services List for Funding Year 2012. The Extron PoleVault systems provide the necessary infrastructure to enable students to fully experience audio and video in the individual classrooms and public areas of the libraries for many applications, including distribution of video over IP and video conferencing.



The following diagram demonstrates a typical Extron PoleVault System. The eligible Video Components included in the PoleVault System are shown in the outlined area; the items outside of the outlined area are not included in the PoleVault System.





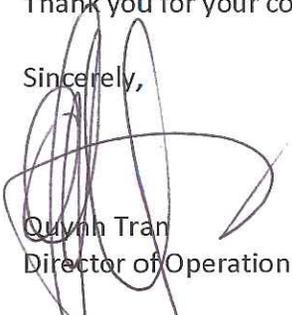
Environmental
Charter Schools

Appeal Request

Environmental Charter Schools Administration requests reconsideration of Funding Request Number 2373921 to include funding of all eligible products according to Program rules. The District also requests that the FCC make a determination that these products are capable of providing eligible service as defined by the Eligible Services List for Funding Year 2012 under the category of Video Components within the Internal Connections section.

Thank you for your consideration on this matter.

Sincerely,



Quynh Tran
Director of Operations

CC: Estream Technologies
Digital Networks Group
Extron Systems



Eligible Products Database

PVS 200IP Published Data

As of June 10, 2013




[New Search](#)

Search criteria: manufacturer(rgb systems, inc)
product([< all >])

Sort By: [Manufacturer](#) | [Product Name](#)

100 per page

Manufacturer	Product Name	SKU	Description	Product Type	View More
RGB Systems, Inc	MTPX 3232	60-894-01	Centralized video and audio matrix switching system	PVBX	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	MTP R AV RCA	60-541-61	Composite video and audio receiver for use with a centralized video and audio ma	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	SME 100 HD	60-1061-01	H.264 High Definition encoder with three input switch	CODEC / Video Encoder	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	SME 100 SD	60-1061-02	H.264 Standard Definition encoder with three input switch	CODEC / Video Encoder	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	MTP T AV RCA	60-540-61	Composite video and audio transmitter for use with a centralized video and audio	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	WVS 210IP-WM	80-220-03	Two Input WallVault IP System, wallmount	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	WVS 310IP-WM	80-320-03	Three Input WallVault IP System, wallmount	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	WVS 410IP-WM	80-420-03	Four Input WallVault IP System, wallmount	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	WVS 200IP	80-210-03	Two Input WallVault IP System	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	WVS 300IP	80-310-03	Three Input WallVault IP System	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	WVS 400IP	80-410-03	Four Input WallVault IP System	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	PVS 200IP	80-200-03	Two Input PoleVault IP System	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	PVS 300IP	80-300-03	Three Input PoleVault IP System	Video Equipment (other)	<input type="button" value="VIEW MORE"/>
RGB Systems, Inc	PVS 400IP	80-400-03	Four Input PoleVault IP System	Video Equipment (other)	<input type="button" value="VIEW MORE"/>

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PVS 200IP

Product Information

Product Name	PVS 200IP
Manufacturer	Extron Electronics
SKU or ID No.	80-200-03
Product Type	Video Equipment (other)
Cost Allocate	No
Description	Two Input PoleVault IP System
Further Description	84% Eligible
Approximate Price	Not provided



PVS 200IP Pricing & Cost Allocation



Extron IP Systems E-Rate Eligibility Spreadsheet

Product Name	Manufacturer	SKU or ID No.	Product Type	Description	MSRP	Eligible %	Ineligible Components
WVS 200IP	Extron Electronics	80-210-03	Video Components	Two Input WallVault IP System	\$ 3,934.00	91%	Speaker, Speaker Cable, Projector Cable
WVS 300IP	Extron Electronics	80-310-03	Video Components	Three Input WallVault IP System	\$ 4,244.00	91%	Speaker, Speaker Cable, Projector Cable
WVS 400IP	Extron Electronics	80-410-03	Video Components	Four Input WallVault IP System	\$ 4,534.00	92%	Speaker, Speaker Cable, Projector Cable
PVS 200IP	Extron Electronics	80-200-03	Video Components	Two Input PoleVault IP System	\$ 4,134.00	84%	Speaker, Speaker Cable, Projector Mount, Projector Cable
PVS 300IP	Extron Electronics	80-300-03	Video Components	Three Input PoleVault IP System	\$ 4,436.00	85%	Speaker, Speaker Cable, Projector Mount, Projector Cable
PVS 400IP	Extron Electronics	80-400-03	Video Components	Four Input PoleVault IP System	\$ 4,722.00	86%	Speaker, Speaker Cable, Projector Mount, Projector Cable

Extron PVS 200IP E-Rate Eligibility Spreadsheet

PVS 200IP System Pricing - 80-200-03

Model	Description	MSRP	QTY	Ext. MSRP	ESL Function	Sub-Category	% Eligible	Ext. Eligible MSRP	Ext. Ineligible MSRP
PVS 305SA	PoleVault Switcher	\$ 1,190.00	1	\$ 1,190.00	Video Components	Master Control Unit	100%	\$ 1,190.00	\$ -
PVT CV D	PoleVault Composite	\$ 270.00	1	\$ 270.00	Video Components	Enhanced Multimedia Interface	100%	\$ 270.00	\$ -
PVT RGB IP D Plus	PoleVault VGA Video	\$ 614.00	1	\$ 614.00	Video Components	Enhanced Multimedia Interface	100%	\$ 614.00	\$ -
MLC 104 IP Plus	MediaLink® Controller	\$ 1,090.00	1	\$ 1,090.00	Video Components	Video Control Unit	100%	\$ 1,090.00	\$ -
PCM 340	Projector Drop Ceiling	\$ 182.00	1	\$ 182.00	Not Eligible	Not Eligible	0%	\$ -	\$ 182.00
PMK 550	PoleVault Pole Mount	\$ 148.00	1	\$ 148.00	Racks and cabinets	Enclosure	100%	\$ 148.00	\$ -
UPB 25	Universal Projector	\$ 150.00	1	\$ 150.00	Not Eligible	Not Eligible	0%	\$ -	\$ 150.00
FF 120	Flat Field™ Speaker	\$ 240.00	1	\$ 240.00	Not Eligible	Not Eligible	0%	\$ -	\$ 240.00
MLC IR/RS-232	Pre-terminated	\$ 84.00	1	\$ 84.00	Not Eligible	Not Eligible	0%	\$ -	\$ 84.00
MLC PW/RS-232-VC	MLC Power, Communicati	\$ 50.00	1	\$ 50.00	Cabling / Connectors	Cable	100%	\$ 50.00	\$ -
MVGA M-M- /3	Male to Male Micro VGA	\$ 42.00	1	\$ 42.00	Cabling / Connectors	Cable	100%	\$ 42.00	\$ -
Cable-Video 3'	RCA Male to Male Single	\$ 6.00	1	\$ 6.00	Cabling / Connectors	Cable	100%	\$ 6.00	\$ -
Cable-SPK 18 35'	Pre-cut Speaker	\$ 20.00	1	\$ 20.00	Not Eligible	Not Eligible	0%	\$ -	\$ 20.00
Plenum Cat 5 50'	Plenum Category 5	\$ 16.00	3	\$ 48.00	Cabling / Connectors	Cable	100%	\$ 48.00	\$ -
Total MSRP				\$4,134.00					
Eligible MSRP				\$3,458.00					
Ineligible MSRP				\$676.00					
% Eligible				84%					
% Ineligible				16%					

Schools and Libraries Universal Service Support Mechanism Eligible Services List for Funding Year 2012

Overall Eligibility Requirements for All Categories of Service:

The Eligible Services List (ESL) indicates whether specific products or services may be able to receive discounts under the Schools and Libraries Universal Service Support Mechanism (otherwise known as the E-rate program or “E-rate”). The ESL is organized into five sections that represent the five funding categories established by the Federal Communications Commission (FCC), plus a Miscellaneous section:

[Telecommunications Service](#)
[Telecommunications](#)
[Internet Access](#)
[Internal Connections](#)
[Basic Maintenance](#)
[Miscellaneous](#)

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 (“priority one” services). The remaining available funds are allocated to requests for support for internal connections and basic maintenance of internal connections (“priority two” services).

This ESL also provides other informational sections including:

[Special Eligibility Conditions](#)
[Glossary](#), providing additional information about the terms used in this ESL
[Index](#)

Funding may be provided only for eligible products or services that will be used for educational purposes. See 47 C.F.R. §§ 54.500(b), 54.502, and 52.504. The conditions for eligibility are described in the specific entries of this ESL. All program participants are reminded to review the Special Eligibility Conditions at the end of this ESL in addition to all of the entries applicable to the services or products they are requesting. Services that are not eligible for E-rate discounts are listed at the end of each category. Any service that meets the definition of “telecommunications service” is eligible for E-rate funding. For other services, funding is limited to those products and services expressed as eligible in the ESL. Please note that the services funded under the “Learning on the Go” program are not subject to the restrictions regarding “eligible locations” in the Special Eligibility Conditions section or elsewhere in this ESL. See *Wireline Competition Bureau Announces Selected Applications for the E-rate Deployed Ubiquitously (EDU 2011) Wireless Pilot Program*, WC Docket No. 10-222, Public Notice, 26 FCC Rcd 3469 (Wireline Comp. Bur. 2011); *Schools and Libraries Universal Service Support Mechanism, A National Broadband Plan for Our Future*, CC Docket No. 02-6, GN Docket No. 09-51, Sixth Report and Order, 25 FCC Rcd 18762, 18785-18787 (2010) (*Sixth Report and Order*).

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 version of the Eligible Services List is dated September 28, 2011. Some eligibility information in this List represents a change from prior funding years and applies to funding requests for Funding Year 2012.

Telecommunications Services

Eligibility Requirements for all Telecommunications Services:

To be eligible for support, telecommunications services must be 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..." 47 U.S.C. § 153(46). All telecommunications carriers must be common carriers and are required by the Commission to file FCC Form 499A (*Telecommunications Reporting Worksheet*). Note that not every service listed on a telephone bill is a telecommunications service.

Except as otherwise indicated in this section, support in this funding category is available only for telecommunications services or for services that are an integral component part of a telecommunications service. Support in this funding category is also available for maintenance and technical support appropriate to maintain reliable operation when provided as a component of an eligible telecommunications service. Please see the [Miscellaneous](#) section of this document for additional entries applicable to Telecommunications Services, such as charges for installation and configuration. Support is not available for end-user equipment purchased by applicants.

In addition, some service offerings provide a combination of both Internet access and telecommunications services. For example, a service provider may offer local phone service, long distance service, cellular service, and Internet access for one price. For administrative convenience, such a combined offering, if provided by an eligible 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.

If Internet access is being requested in the telecommunications services category, applicants must indicate that Internet access is being sought on FCC Form 470. Please note that 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).

Function	Description
Digital Transmission Services	<p>A telecommunications service that provides transmission from an eligible school or library facility to other locations beyond the school or library is eligible for discount. Digital transmission services 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 Internet2. 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"> • Asynchronous Transfer Mode (ATM) • Broadband over Power Lines (BPL) • Digital Subscriber Line (DSL) • DS-1, DS-3 • Ethernet • Fiber • Frame Relay • Integrated Services Digital Network (ISDN, BRI, PRI) • OC-1, OC-3, OC-12, OC-n • Satellite service • Switched Multimegabit Data Service (SMDS) • T-1, T-3, Fractional T-1 • Wireless <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"> • costs of a permanent virtual circuit (PVC) • costs of trunk lines • reasonable installation costs <p>The telecommunications component of:</p> <ul style="list-style-type: none"> • a distance learning capability • video, or • interactive television, is eligible for discount. <p>In addition, the telecommunications component of voice or video conferencing services 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>
Paging	<p>Paging services are eligible when integral, immediate, and proximate to the education of students.</p>

<p>Telephone Service</p>	<p>“Telephone Service” refers to communication that takes place using the public switched telephone network. 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"> • 800 service, e.g., a toll-free telephone number for students to contact school regarding questions about homework • Centrex • Local phone service • Long distance telephone service • Interconnected Voice Over Internet Protocol (the regulatory classification of interconnected VoIP service does not affect the inclusion of this service as an eligible service in this category) • POTS (“Plain Old Telephone Service”) • Radio loop • Wireless telephone services, e.g., cellular service and Personal Communications Services (PCS) <ul style="list-style-type: none"> ◦ See the Internet Access category for the eligibility of Wireless Internet access/e-mail plans for portable electronics <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, flat rate, local measured service, and message rate service. Phone calling cards may also be eligible, if they are used for an educational purpose.</p> <ul style="list-style-type: none"> • Service to an eligible location for educational or library purposes can provide voice communication, fax connections, modem connections, 911 or an alarm.
<p>Telephone Service Components</p>	<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"> • 900\976 Call blocking • Text messaging • Custom calling services • Direct Inward Dialing (DID) • Directory assistance charges • An inside wire maintenance plan is eligible as a component part of a telephone service only if charges are minimal. • Installation charges—see the entry for “Installation and Configuration” in the Miscellaneous section

<p>NOT Eligible for E-rate Funding as Telecommunications Services</p>	<p>The following services are NOT ELIGIBLE for discount:</p> <ul style="list-style-type: none"> • 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 • 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 • Internet2 membership dues • Charges for creation, configuration, or maintenance of content • Services that go beyond a telecommunications service, 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 • Services that provide voice, video, or data connectivity exclusively within school or library grounds are not eligible for funding as Telecommunications Services but may be eligible as Internal Connections • Services to ineligible locations • Applications (including GPS) for wireless devices are not eligible for discount. Charges for telecommunications service used solely for the provision of these applications are not eligible.
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Telecommunications

Eligibility Requirements for Telecommunications:

Non-telecommunications carriers may provide telecommunications via lit or dark fiber in whole or in part. *See Sixth Report and Order.*
 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." 47 U.S.C. § 153(43).

Function	Description
Fiber or Dark Fiber	<p>Lit or dark fiber, 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>Certain maintenance and installation costs are also eligible, including charges for installation of dark fiber within the property line. 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. For leased lit fiber, all special construction charges are eligible.</p> <p>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. When lit fiber is leased as telecommunications, the modulating electronics included as part of that service is eligible as telecommunications. Applicants are also not permitted to use E-rate discounts to acquire unneeded capacity or warehouse dark fiber for future use.</p> <p>Applicants should apply for fiber service as a telecommunications service, if they select a telecommunications carrier to provide the fiber. Applicants should apply for the fiber service as Internet access, if they select a non-telecommunications carrier to provide the fiber.</p> <p>We include dark fiber as an eligible service irrespective of whether the FCC has classified this service as a telecommunications service or an information service. As such, the regulatory classification of dark fiber does not affect its inclusion as an eligible service.</p>

Internet Access

Eligibility Requirements for All Internet Access Services:

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). See 47 C.F.R. § 54.5.

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. Support may also be available for selected services that are an integral component part of an Internet Access service, and other services that the Commission has designated as eligible for discounts.

Maintenance and technical support appropriate to maintain reliable operation is eligible for discount when provided as a component of an eligible Internet access service. Please see the [Miscellaneous](#) section of this document for additional entries applicable to Internet Access, such as charges for installation and configuration.

Function	Description
E-mail Service	<p>E-mail service is eligible. E-mail service is often included in the cost of basic conduit access to the Internet 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.e., the part of the service that provides for the transmission of text messages and other information). E-mail archiving is not eligible for discount.</p>
Internet Access	<p>Basic conduit access to the Internet is eligible regardless of technology platform. Access technologies include but are not limited to:</p>

	<ul style="list-style-type: none"> • 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 <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 Domain Name Service, Dynamic Host Configuration, and basic firewall 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>Basic conduit access to the Internet may be used to access Internet-based distance learning and video conferencing services.</p> <p>A wireless Internet access service is eligible under the same provisions as wired access to the Internet.</p> <p>A Wide Area Network can be eligible for funding as a part of Internet access if the service is limited to basic conduit access to the Internet and the offering is the most cost-effective means of accessing the Internet.</p> <p>A wireless Internet access service designed for portable electronic devices is eligible if used for educational purposes and the off-campus use is 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>Mobile hotspot service designed for portable electronics is eligible if used for educational purposes, if off-campus use is cost-allocated. Hardware costs of the mobile hotspot embedded in or connected to the end-user device are not eligible.</p>
Internet – Related Services	<p>These services may be purchased separately or as part of a bundled Internet access service.</p> <ul style="list-style-type: none"> • Interconnected Voice over Internet Protocol (the regulatory classification of interconnected VoIP service does not affect the inclusion of this service as an eligible service in this category)

	<ul style="list-style-type: none"> • A web hosting 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. • Domain name registration is eligible if it is necessary for the creation of a school or library website.
<p>NOT Eligible for E-rate Funding as Internet Access Services</p>	<p>The following services are NOT ELIGIBLE for discount:</p> <ul style="list-style-type: none"> • Online Backup Solutions • Internet access that provides features or content that go beyond basic conduit access to the Internet. • Internet content or charges for the creation or display of information. (E-mail service, e-mail account fees, and web hosting service, however, are not considered Internet content.) 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.) • 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 (<i>e.g.</i> teacher web pages or blogs). • The parts of a web hosting service that include, but are 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). • 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
- Training regarding the use of the Internet
- Costs for training provided via the Internet
- Point-to-point connectivity of data, video, or voice applications that are to be provided only by eligible telecommunications carriers, except if provided via fiber or dark fiber.
- Specialized services that go beyond basic conduit access to the Internet, such as Virtual Private Network services
- Electronic library/on-line public access and associated software
- Applications (including GPS) for wireless devices are not eligible for discounts. Charges for Internet access service used solely for the provision of these applications are also not eligible.

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

- [Caching](#)
- [Content filtering](#)
- [Web Casting](#)

Please see the [Miscellaneous](#) section of this document for additional entries applicable to Internet access. For example, finance charges and termination charges are not eligible.

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>Cabling, connectors, 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"> • Cable (e.g., copper, fiber, coax, twisted pair) • Connectors • Jacks, panels, faceplates and wire managers • Conduit and raceway • Other cabling components necessary to transport information to the individual classrooms or public areas of a library. <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>Circuit cards and related components, such as memory modules/Random Access Memory (RAM), are eligible if they are necessary for adequate performance of an eligible component, for example, an eligible PBX, router, or server.</p> <p>Network interface cards that are separately priced or used in eligible equipment are eligible.</p>

	<p>Processors and a processor terminator card are eligible if used in an eligible component.</p> <p>Phone modems 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"> • Access Points used in a LAN environment • Hubs • Multiplexers used as part of a LAN • Network Switches are eligible for discount when used for an eligible purpose • Routers are eligible for a discount when used for an eligible purpose • Wireless LAN Controllers <p>Voice/Video over IP components are eligible as Internal Connections.</p> <p>Components such as those indicated above are typically configured into a local area network or wireless area network.</p> <p>Some products may have modules or features that are not eligible, (<i>e.g.</i>, 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"> • Firewall • Proxy Server • Tape Backup when used as part of an eligible server • Virtual Private Network • Tape backup 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.

	<p>An Uninterruptible Power Supply (UPS)/Battery Backup that protects eligible equipment is eligible as a data protection 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"> • UPS Interface Expander • Relay I/O Module
<p>Interfaces, Gateways, Antennas</p>	<p>Interfaces, gateways, and antennas represent miscellaneous components that are eligible when used for an eligible purpose to transport telecommunications or Internet access information 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"> • Bridge • Cable Modem (but not for receipt of cable TV service; may also be leased as part of Internet access service) • Channel Service Unit/Data Service Unit (CSU) (may also be leased as part of priority one service) • Copper-to-Fiber • FRAD • Gateway • Interface/Edge Device • Network Interface Device • Media Converter • Terminal Adapter • Transceiver • Voice/Fax network module <p><u>Eligibility limitations for antennas</u></p> <p>Antennas and related components, such as satellite 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 mast that supports eligible Internal Connections is eligible, large antenna towers are not eligible as Internal Connections.</p>
<p>Servers</p>	<p>Computers used as servers 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</p>

	<p>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 cost allocated. The following servers are eligible:</p> <ul style="list-style-type: none"> • Dynamic Host Configuration Protocol (DHCP) • Domain Name Service (DNS) • E-mail • Firewall, or Proxy Server <p>The following servers are eligible only in certain cases:</p> <p>Remote Access Components— 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>Terminal Server— 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>Web Server— 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 monitor 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 KVM switch (“keyboard-video-mouse” switch) is eligible if cost-effective in comparison to the individual components necessary.</p>
Software	<p>Specific types of computer software are eligible for discount.</p> <p>Operating system software, 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>E-mail 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 archiving, database, workflow, or groupware features, only the e-mail portion of the product is eligible and the cost of the ineligible portion must be cost allocated.</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 voice mail system is eligible.</p> <p>Software for server based, VoIP user licenses are eligible.</p> <p>Client Access Licenses for eligible software products are eligible</p> <p>Virtualization software 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 hard disk drives, 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 Servers for further information.) In addition, storage products may be used for eligible e-mail files but not for e-mail archiving.</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"> • Private Branch Exchange (PBX) • Key System (KSU) • Voice Mail • Wireless • VoIP Telephony Equipment <p>In addition, the following features are also eligible:</p> <ul style="list-style-type: none"> • Automatic Route Selection (ARS) • E911 Reader Board • Voice Compression Module • Voice Interface Card <p>One switchboard/attendant console necessary for operation of each eligible PBX or eligible Centrex telephone service is</p>

	<p>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>
<p>Video Components</p>	<p>Centralized video 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"> • CODEC • Master Control Unit • Multipoint Control Unit • PVBX • Video Amplifier • Video Channel Modulator • Enhanced Multimedia Interface <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>
<p>Other Eligible Internal Connections Components</p>	<p>Documentation 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>Racks 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 surge protector is not eligible.</p> <p>System improvements and upgrades 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 Miscellaneous 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

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.

The following components are **NOT ELIGIBLE**:

- [Asbestos removal](#)
- [Broadcast](#)
- [Electrical system upgrades](#)
- Multimedia content, such as encyclopedias on CD ROM, video information, etc., and also [multimedia kits](#)
- [Intercom](#) and [public address \(PA\) system](#)
- [Spare parts](#)
- External [speakers](#) (except when provided at no cost as an integral part of an eligible component)
- [Test Equipment](#)
- [Consumable Kits](#) which contain installation tools
- Wiring and components providing electrical service or for radio or television broadcast or cable services
- [Network interface cards](#) that are embedded in ineligible equipment (such as end-user equipment) or included in the pricing for ineligible equipment
- [Phone modems](#) that are provided in or with end-user equipment, or used to provide dial-in access from 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.
- [Broadcast and cable television equipment](#) used for the display or distribution of broadcast and cable television signals

See the [Miscellaneous](#) section of this document for additional entries applicable to Internal Connections. For example, finance charges and termination charges are not eligible.

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

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:

- Repair and upkeep of eligible hardware
- Wire and cable maintenance
- Basic technical support
- Configuration changes

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.

NOT Eligible for E-rate Funding as Basic Maintenance of Internal Connections

The following products and services are **NOT ELIGIBLE**:

- [Unbundled Warranties](#), including prepaid retainers for service that may not actually need to be performed.
- On-site technical support (*i.e.*, 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 demonstrating that on-site technical support is more cost-effective than utilizing off-site support.
- Services such as network management and 24-hour network monitoring.
- Help desks that provide a comprehensive level of

support beyond basic maintenance of only eligible components.

In addition, software [Client Access Licenses](#) are not eligible as Basic Maintenance. However, Client Access Licenses for eligible software products may be eligible in the Internal Connections funding category.

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.

Miscellaneous

The service category for entries in this section should reflect 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 part coincident with installation.</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"> • Change fees • Freight assurance fees • Shipping charges <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> <ul style="list-style-type: none"> • Per diem • Travel time <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</p>

	<p>eligible. This includes customer charges for universal service fees, but does not include additional charges for universal service administration.</p> <p>A reasonable contingency fee 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>
<p>Voice Mail Service</p>	<p>A voice mail service is eligible.</p> <p>Funding requests for a voice mail service may be submitted in the Telecommunications Services category of service if provided by an eligible telecommunications carrier or may be submitted in the Internet Access category of service if provided by any service provider.</p> <p>In addition, 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>
<p>Other Miscellaneous Components that are NOT Eligible</p>	<p>In addition to components indicated in other sections of this Eligible Services List, the following components are NOT ELIGIBLE for discount:</p> <ul style="list-style-type: none"> • Interest or finance charges • Late payment fees • Performance bond • Termination charges <p>Any product or service that is duplicative 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>Failover 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 NOT ELIGIBLE include, but are not limited to the following:</p> <ul style="list-style-type: none"> • Initial planning to determine the technology and/or

	<p>components to be deployed.</p> <ul style="list-style-type: none">• Network architecture design.• Development of technology plans.• Application assistance, program advice, and other activities not tied directly to actual installation and initial configuration of components.• Labor costs for school and library personnel.• Costs for contractor personnel to operate components.• Costs for network management software, services, and equipment.• Test equipment and tools.• 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.• Construction costs, other than incidental charges to restore a facility to pre-installation conditions.
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Special Eligibility Conditions

The Universal Service Administrative Company maintains additional documentation regarding the administration of the Schools and Libraries Support Mechanism at 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 Cost Allocation Guidelines for Products and Services.</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 cost allocation must 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 "Cost Allocation" 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</p>

	<p>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 "Cost Allocation."</p>
<p>Eligible Users and Locations</p>	<p>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>
<p>Internet Access with Ineligible Features</p>	<p>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 separated pricing for the eligible and ineligible components.</p> <p>In addition, in certain limited cases, an eligible product or</p>

	<p>service can include ineligible components on an ancillary basis. See the Special Eligibility Condition for Ancillary Use for additional information about the conditions and limitations of the Ancillary Use approach.</p>
<p>Two-in-Five Rule</p>	<p>“Two-in-Five Rule” indicates that each eligible entity may 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>
<p>Wide Area Networks</p>	<ul style="list-style-type: none"> • WAN Versus LAN Components (On-Premise Priority One Equipment). For data and other networks, the distinction between Wide Area Network (WAN) functionality and Local Area Network (LAN) functionality can be essential for selecting the proper Category of Service for funding requests—Telecommunications Services, Telecommunications, Internet Access, or Internal Connections. 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 On-premise Priority 1 Equipment located in the SLD Reference Area of the USAC web site. • Lease of Wide Area Network Infrastructure. Facilities that provide a Wide Area Network may only be leased by applicants but not purchased. Limitations apply to the reimbursements that are available for initial implementation costs (leased equipment and its installation) of service provider infrastructure. The Wide Area Network Fact Sheet has further details about exclusive access limitations, amortization requirements, and other eligibility conditions for lease of Wide Area Network functionality.

Glossary

<p>800 Service (Telephone Service)</p>	<p>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.</p>
<p>900/976 Call Blocking (Telephone Service Components)</p>	<p>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.</p>
<p>900/976 Charges (NOT Eligible for Funding as Telecommunications Services)</p>	<p>"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.</p>
<p>911/E911 Trunks/Lines (Telephone Service)</p>	<p>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).</p>
<p>Access Point (Data Distribution)</p>	<p>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.</p>
<p>Alarm Telephone Line (Telephone Service)</p>	<p>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.</p>
<p>Antennas (Interfaces)</p>	<p>An antenna is a device for transmitting and/or receiving radio frequency signals.</p>
<p>Application Software (Not Eligible for E-rate)</p>	<p>Application software applies to software accessed directly by end users, such as word</p>

<p>Funding as Internal Connections Components)</p>	<p>processors, spreadsheets, utility, anti-virus, and graphics programs.</p>
<p>Asbestos Removal (Not Eligible for E-rate Funding as Internal Connections Components)</p>	<p>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.</p>
<p>Asynchronous Transfer Mode (ATM) (Digital Transmission Services)</p>	<p>ATM is a high-speed Digital Transmission Service that can provide bandwidth of 622 Megabits per second or higher.</p>
<p>Automatic Call Distribution System (ACD) (Telephone—Ineligible)</p>	<p>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.</p>
<p>Automatic Route Selection (ARS) (Telephone Components)</p>	<p>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.</p>
<p>Bridge (Interfaces)</p>	<p>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.</p>
<p>Broadband over Power Lines (BPL) (Digital Transmission Services) (Internet Access)</p>	<p>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.</p>
<p>Broadcast and Cable Television Equipment (Video Components—Ineligible)</p>	<p>Broadcast/cable equipment applies to equipment used in the transmission or receipt of broadcast TV, broadcast radio, broadcast satellite, or cable television service.</p>

<p>Broadcast “Blast” Messaging (NOT Eligible for Funding as Telecommunications Services)</p>	<p>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.</p>
<p>Cable Modem (Internet Access) (Interfaces)</p>	<p>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.</p>
<p>Cabling (Cabling)</p>	<p>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.</p>
<p>Caching (Servers—Ineligible) (Storage Devices—Ineligible)</p>	<p>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.</p>
<p>Caching Service (Not Eligible for E-rate Funding as Internet Access Services)</p>	<p>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.</p>
<p>Call Accounting System (Not Eligible for E-rate Funding as Internal Connection Components)</p>	<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 Station Message Detail Recording (SMDR) or Call Detail Recording (CDR), 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>
<p>Call Sequencer (Not Eligible for E-rate Funding as Internal Connections Components)</p>	<p>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.</p>
<p>Cartridge Magnetic Tape (Not Eligible for E-rate)</p>	<p>Cartridge magnetic tape is used in tape backup devices, and provides replaceable and archive</p>

Funding as Internal Connections Components)	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 (DNot 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 www.fcc.gov , 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.
Flat Rate (Telephone 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 (Interfaces)	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 (Digital Transmission Services)	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 (Miscellaneous Fees and Charges)	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 (Interfaces)	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 (Storage Devices)	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 (Ineligible for E-rate Funding for Internal Connections Components)	Homework Hotline equipment includes an automated response or call routing system that provides information to callers about school assignments.
Homework Hotline Service (Other Eligible Telecommunications)	A Homework Hotline Service is typically provided as a toll-free telephone number for students to contact the school regarding questions on homework.
Hub (Data Distribution)	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 (Telephone Service)	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 (Digital Transmission Services)	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 (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

	<p>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.</p>
<p>Interactive White Board (Not Eligible for E-rate Funding as Internal Connections Components)</p>	<p>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.</p>
<p>Intercom (Not Eligible for E-rate Funding as Internal Connections Components)</p>	<p>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.</p>
<p>Interconnected Voice over Internet Protocol (Interconnected VoIP) (Telephone Service) (Internet - Related Services)</p>	<p>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.</p>
<p>Interface/Edge Device (Interfaces)</p>	<p>An Interface or Edge Device is a physical device that can pass packets between some types of networks and an Asynchronous Transfer Mode (ATM) network. The device may be a router or Ethernet-to-ATM switch that directly connects to an ATM network.</p>
<p>Internet Access (Internet Access)</p>	<p>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 electronic mail and the documents and features of the World Wide Web. Service Providers for Internet access need not be telecommunications carriers.</p>
<p>Internet Content (Not Eligible for E-rate Funding as Internet Access Services)</p>	<p>Internet Content refers to all forms of information that are available on the Internet, such as text, pictures, sound recordings, animation, and video clips.</p>

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, Measured 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 carriers (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, Measured 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 (Interfaces)	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 (Software —Ineligible)	Network Management is a system of equipment or software used in monitoring, controlling, and managing a communications network.
Network Switch (Data Distribution)	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 hub but provide a dedicated bandwidth at each network port, rather than shared bandwidth among all ports.
OC-1 (Digital Transmission Services)	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 (Not Eligible for E-rate Funding as Internet Access Services) (Ineligible Internal Connection Components)	An Online Backup Solution provides off-site data storage generally accessible from any Internet connection.
Operating System Software (Software)	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	A Pager (also known as a Beeper) is the

<p>(Ineligible Internal Connections Components)</p>	<p>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.</p>
<p>Paging Services (Paging)</p>	<p>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.</p>
<p>Payphone Telephone Service (NOT Eligible for Funding as Telecommunications Services)</p>	<p>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.</p>
<p>Per Diem (Miscellaneous Fees and Charges)</p>	<p>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.</p>
<p>Performance Bond (Other Miscellaneous Ineligible Components)</p>	<p>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.</p>
<p>Permanent Virtual Circuit (PVC) (Digital Transmission Services)</p>	<p>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.</p>
<p>Personal Communications Services (PCS) (Telephone Service)</p>	<p>Personal Communications Services (PCS) is a digital wireless telecommunications service, similar to cellular service, but operating on different radio frequencies.</p>
<p>Personal Computers/ Workstations (Servers—Ineligible) (Ineligible Internal Connections Components)</p>	<p>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.</p>
<p>Personal Digital Assistant (PDA) (Ineligible Internal Connections Components)</p>	<p>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.</p>

Phone Calling Cards (Telephone Service)	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 (Circuit Cards)	Phone modems are devices that convert data signals into suitable form for transmission and receipt over a telephone line.
POTS (Telephone Service)	"POTS" stands for "Plain Old Telephone Service" and provides local telephone dial-tone service.
Power Strips/Power Distribution Units(PDU) (Ineligible Internal Connections Components)	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 (Ineligible Internal Connections Components)	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 (NOT Eligible for Funding as Telecommunications Services)	Reverse Directory Assistance is a service that can use a phone number to provide the name and, in some cases, the address of the owner of that phone number.
Router (Data Distribution)	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 (Interfaces)	Satellite Dishes are antennas capable of receiving signals from and, in some cases, transmitting signals to communications satellites.
Satellite Service (Digital Transmission Services)	Satellite service provides communication between points on Earth by using an orbiting satellite as a communications relay point.
Servers	Servers are computers on a local area network

(Servers)	that can provide access to files, software, printers, or other features that are shared among multiple users.
Shipping Charges (Miscellaneous Fees and Charges)	Shipping Charges are the charges associated with the delivery of products from their point of origin to the customer premises.
Smartphone (Not Eligible for E-rate Funding as Internal Connections Components)	Mobile phone that offers more advanced computing ability and connectivity than a contemporary feature phone.
Softphone (Not Eligible for E-rate Funding as Internal Connections Components)	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 (Software)	Software is distinct from physical computer hardware and refers to the detailed instructions that operate a computer.
Spare Parts (Not Eligible for E-rate Funding as Internal Connections Components)	Spare parts are components on hand to replace hardware that fails.
Speakers (Not Eligible for E-rate Funding as Internal Connections Components)	Speakers are the components that provide sound from a computer, phone, intercom, or other device.
Station Message Detail Recording (SMDR) (Not Eligible for E-rate Funding as Internal Connections Components)	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 (Not Eligible for E-rate Funding as Internal Connections Components)	Storage media includes products such as floppy 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 eligible services.
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 case 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 (Video Components)	Video components provide the capabilities and technologies to enable moving images on television screens or computer monitors.
Video Content Storage (Other Eligible Internal Connections Components)	Video content storage enables the storage of videos and makes such videos available for retrieval at any given time.
Video Service (Digital Transmission Services)	Video services involve the transmission of visual images.
Virtualization software (Software)	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 (Data Protection)	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 (Telephone Components)	A Voice Compression Module allows voice and fax traffic to share the same lines as data and LAN traffic.
Voice Interface Card (Telephone Components)	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 (Telephone Components)	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 (Voice Mail Service)	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 (Interfaces)	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 (Data Distribution)	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 (Not Eligible for E-rate Funding as Internet Access Services)	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 (Internet - Related Services)	A web hosting service is one that hosts a 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.

<p>Workstation (Not Eligible for E-rate Funding as Internal Connections Components)</p>	<p>See the entry for Personal Computers/Workstations for additional information.</p>
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Form 470



FCC Form 470

Approval by OMB
3060-0806

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. (You can also file online at www.usac.org/sl)

Form 470 Application Number: 69501000989672	Applicant's Form Identifier: ECS_470_2012
Application Status: CERTIFIED	Posting Date: 02/07/2012
Allowable Contract Date: 03/06/2012	Certification Received Date: 02/07/2012

Block 1: Applicant Address and Information

1 Name of Applicant:
ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION

2 Funding Year: 2012 (Funding years run from July 1 through the following June 30)

3 Entity Number: 16056748

4a Street Address, P.O.Box, or Route Number:
16315 GREVILLEA AVENUE

City: LAWDALE State: CA Zip Code: 90260 -0000

4b Telephone Number: (310) 214 -3400

4c Fax Number: (310) 214 -3410

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: 4

Block 1: Applicant Address and Information (continued)

6a Contact Person's Name:
Quynh Tran

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
16315 GREVILLEA AVENUE

City: LAWDALE State: CA Zip Code: 90260 -0000

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: (310) 214 -3400

6d Fax Number: (310) 214 -3410

6e E-Mail Address: erate@echsonline.org
Re-enter E-mail Address: erate@echsonline.org

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

7 Consultant Name: Ignacio Gonzalez
Name of Consultant's Employer: Abacus Charter School Consulting
Consultant's Street Address: 141 Leonard Drive

City: Concord State: CA Zip Code: 94518
Consultant's Telephone Number: (415) 531-6480 Ext. 0
Consultant's Fax Number: (707) 774-6082
Consultant's E-mail Address: erate@abacus-csc.com
Re-enter E-mail Address: erate@abacus-csc.com
Consultant Registration Number: 16062444

Entity Number: 16056748		Applicant's Form Identifier: ECS_470_2012													
Contact Person: Quynh Tran		Phone Number: (310) 214-3400													
Block 2: Summary Description of Needs or Services Requested															
8 Telecommunication Services															
<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: 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 checked="" type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services.</p>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">Service</th> <th style="width:50%;">Quantity and/or Capacity</th> </tr> </thead> <tbody> <tr> <td>Local and long distance telephone service</td> <td>District-wide</td> </tr> <tr> <td>Cellular telephone voice services</td> <td>Approximately 30 lines</td> </tr> <tr> <td>Internet Access, data and text messaging plans for cellular devices</td> <td>Approximately 30 lines</td> </tr> <tr> <td>Interconnected Voice over IP</td> <td>District-wide</td> </tr> <tr> <td>Wide area network/digital transmission</td> <td>District-wide</td> </tr> </tbody> </table>				Service	Quantity and/or Capacity	Local and long distance telephone service	District-wide	Cellular telephone voice services	Approximately 30 lines	Internet Access, data and text messaging plans for cellular devices	Approximately 30 lines	Interconnected Voice over IP	District-wide	Wide area network/digital transmission	District-wide
Service	Quantity and/or Capacity														
Local and long distance telephone service	District-wide														
Cellular telephone voice services	Approximately 30 lines														
Internet Access, data and text messaging plans for cellular devices	Approximately 30 lines														
Interconnected Voice over IP	District-wide														
Wide area network/digital transmission	District-wide														
9 Internet Access															
<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: 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 checked="" 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 Internet Access services you seek. Specify each service (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users).</p>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">Service</th> <th style="width:50%;">Quantity and/or Capacity</th> </tr> </thead> <tbody> <tr> <td>Interconnected Voice over IP</td> <td>District-wide</td> </tr> <tr> <td>Data, Internet Access, and text messaging plans for cellular devices</td> <td>Approximately 30 lines</td> </tr> <tr> <td>Dedicated Internet Access</td> <td>District-wide</td> </tr> </tbody> </table>				Service	Quantity and/or Capacity	Interconnected Voice over IP	District-wide	Data, Internet Access, and text messaging plans for cellular devices	Approximately 30 lines	Dedicated Internet Access	District-wide				
Service	Quantity and/or Capacity														
Interconnected Voice over IP	District-wide														
Data, Internet Access, and text messaging plans for cellular devices	Approximately 30 lines														
Dedicated Internet Access	District-wide														

Entity Number: 16056748		Applicant's Form Identifier: ECS_470_2012									
Contact Person: Quynh Tran		Phone Number: (310) 214-3400									
10 Internal Connections Other Than Basic Maintenance											
<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 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: http://echsonline.org/about.cfm?id/erate 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: ECS-NET-2012</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>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Service</th> <th>Quantity and/or Capacity</th> </tr> </thead> <tbody> <tr> <td>Structured cabling</td> <td>1 facility - see RFP</td> </tr> <tr> <td>Network and server infrastructure</td> <td>1 facility - see RFP</td> </tr> <tr> <td>Cabling for in-classroom video</td> <td>1 facility - see RFP</td> </tr> </tbody> </table>				Service	Quantity and/or Capacity	Structured cabling	1 facility - see RFP	Network and server infrastructure	1 facility - see RFP	Cabling for in-classroom video	1 facility - see RFP
Service	Quantity and/or Capacity										
Structured cabling	1 facility - see RFP										
Network and server infrastructure	1 facility - see RFP										
Cabling for in-classroom video	1 facility - see RFP										
11 Basic Maintenance of Internal Connections											
<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 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: http://echsonline.org/about.cfm?id/erate 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: ECS-NET-2012</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>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Service</th> <th>Quantity and/or Capacity</th> </tr> </thead> <tbody> <tr> <td>Basic maintenance for structured cabling</td> <td>District-wide - see RFP</td> </tr> <tr> <td>Basic maintenance for network and server infrastructure</td> <td>District-wide - see RFP</td> </tr> <tr> <td>Basic maintenance for eligible components of in-classroom video cabling</td> <td>One facility - see RFP</td> </tr> </tbody> </table>				Service	Quantity and/or Capacity	Basic maintenance for structured cabling	District-wide - see RFP	Basic maintenance for network and server infrastructure	District-wide - see RFP	Basic maintenance for eligible components of in-classroom video cabling	One facility - see RFP
Service	Quantity and/or Capacity										
Basic maintenance for structured cabling	District-wide - see RFP										
Basic maintenance for network and server infrastructure	District-wide - see RFP										
Basic maintenance for eligible components of in-classroom video cabling	One facility - see RFP										

Entity Number: 16056748		Applicant's Form Identifier: ECS_470_2012					
Contact Person: Quynh Tran		Phone Number: (310) 214-3400					
<p>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.</p> <p>Name:</p> <p>Title:</p> <p>Telephone Number:</p> <p>Fax Number:</p> <p>Email Address:</p> <p>Re-enter E-mail Address:</p>							
<p>13 <input type="checkbox"/> 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.</p> <p><input checked="" type="checkbox"/> 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.</p>							
Block 3:							
14. [Reserved]							
Entity Number: 16056748		Applicant's Form Identifier: ECS_470_2012					
Contact Person: Quynh Tran		Contact Phone Number: (310) 214-3400					
Block 4: Recipients of Service							
<p>15 Billed Entities</p> <p>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 Form 471 is not listed below, funding may be denied for the funding requests associated with this Form 470. Attach additional pages if needed.</p> <table border="1"> <thead> <tr> <th>Entity Number</th> <th>Entity Name</th> </tr> </thead> <tbody> <tr> <td>16056748</td> <td>ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION</td> </tr> </tbody> </table>				Entity Number	Entity Name	16056748	ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION
Entity Number	Entity Name						
16056748	ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION						
Entity Number: 16056748		Applicant's Form Identifier: ECS_470_2012					
Contact Person: Quynh Tran		Contact Phone Number: (310) 214-3400					
Block 5: Certifications and Signature							
<p>16 I certify that the applicant includes: (Check one or both.)</p> <p>a <input checked="" type="checkbox"/> 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</p> <p>b <input type="checkbox"/> 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).</p>							
<p>17 <input checked="" type="checkbox"/> 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.</p> <p><input type="checkbox"/> Or I certify that no technology plan is required by Commission rules.</p>							
<p>18 <input checked="" type="checkbox"/> I certify that I will post my Form 470 and (if applicable) make my 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 plan goals.</p>							
<p>19 <input checked="" type="checkbox"/> 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.</p>							
<p>20 <input checked="" type="checkbox"/> I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes 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. §§ 54.500, 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.</p>							
<p>21 <input checked="" type="checkbox"/> 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.</p>							
<p>22 <input checked="" type="checkbox"/> 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.</p>							
<p>23 <input checked="" type="checkbox"/> 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 can be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.</p>							
<p>24 <input checked="" type="checkbox"/> 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.</p>							
Entity Number: 16056748		Applicant's Form Identifier: ECS_470_2012					
Contact Person: Quynh Tran		Contact Phone Number: (310) 214-3400					
25 Signature of authorized person: <input checked="" type="checkbox"/>		26 Date: 02/07/2012					
27a Printed name of authorized person: Quynh Tran							
27b Title or position of authorized person: Director of Operations							

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

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

16315 GREVILLEA AVENUE

City: Lawndale

State: CA

Zip Code: 90260

27d Telephone Number of Authorized Person:

(310) 214-3400

27e Fax Number of Authorized Person:

(310) 214-3410

27f E-mail Address of Authorized Person:

erate@echsonline.org

Re-enter E-mail Address:

erate@echsonline.org

27g Name of Authorized Person's Employer:

Environmental Charter Schools

Service provider involvement with preparation or certification of a 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 or call the SLD Client Service Bureau at 1-888-203-8100.

Entity Number: 16056748	Applicant's Form Identifier: ECS_470_2012
Contact Person: Quynh Tran	Phone Number: (310) 214-3400
<p>NOTICE: In accordance with Section 54.504 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. § 54.504 (b). 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. § 54.504. Schools and libraries must file this form themselves or as part of a consortium.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, <i>et seq.</i></p> <p>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.</p>	

Please submit this form to:

**SLD-Form 470
P.O. Box 7026
Lawrence, Kansas 66044-7026
1-888-203-8100**

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to:

**SLD Forms
ATTN: SLD Form 470
3833 Greenway Drive
Lawrence, Kansas 66046
1-888-203-8100**

FCC Form 470
October 2010

[New Search](#)

[Return To Search Results](#)



Form 471



FCC Form 471

Approval by OMB
3060-0806

Schools and Libraries Universal Service Description of Services Ordered and Certification Form 471

Estimated Average Burden Hours per Response: 4 hours

This form is designed to help schools and libraries to list the eligible services they have ordered and estimate the annual charges for them so that the Fund Administrator can set aside sufficient support to reimburse providers for services.

Please read instructions before beginning this application. (You can also file online at www.usac.org/sl.)
The instructions include information on the deadlines for filing this application.

Applicant's Form Identifier (Create an identifier for your own reference)		Form 471 Application #:	
ECS_471_P2_2012		870525 (To be assigned by administrator)	
Block 1: Billed Entity Address and Identifications			
<p>1 Name of Billed Entity ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION</p> <p>2 Funding Year 2012</p> <p>3a Entity Number 16056748</p> <p>3b FCC Registration Number 0020332763</p> <p>4a Street Address, P.O. Box, or Route Number 16315 GREVILLEA AVENUE</p> <p>City LAWNDALE State CA Zip Code 90260-</p> <p>4b Telephone Number</p> <p>4c Fax Number</p> <p>5a Type of Application (check only one)</p> <p><input type="radio"/> Individual School (individual public or non-public school)</p> <p><input checked="" type="radio"/> School District (LEA; public or non-public [e.g. diocesan] local district representing multiple schools)</p> <p><input type="radio"/> Library (including library system, library outlet/branch or library consortium as defined under LSTA)</p> <p><input type="radio"/> Consortium (intermediate service agencies, states, state networks, special consortia of schools and/or libraries)</p> <p><input type="radio"/> Statewide application for (enter 2-letter state code) representing (check all that apply)</p> <p><input type="checkbox"/> All public schools/districts in the state</p> <p><input type="checkbox"/> All non-public schools in the state</p> <p><input type="checkbox"/> All libraries in the state</p> <p>5b Recipient(s) of Services:</p> <p><input type="checkbox"/> Private <input checked="" type="checkbox"/> Public <input checked="" type="checkbox"/> Charter</p> <p><input type="checkbox"/> Tribal <input type="checkbox"/> Head Start <input type="checkbox"/> State Agency</p>			
Entity Number: 16056748		Applicant's Form Identifier: ECS_471_P2_2012	
Contact Person: Quynh Tran		Contact Phone Number:	
Block 1: Billed Entity Address and Identifications (continued)			
<p>6a Contact Person's Name Quynh Tran</p> <p>If the Contact Person's Street Address is the same as Item 4 above, check here. <input type="checkbox"/> If not, complete Item 6b.</p> <p>6b Street Address, P.O. Box, or Route Number NOTE: USAC will use this address to mail correspondence about this form. 16315 GREVILLEA AVENUE</p> <p>City LAWNDALE State CA Zip Code 90260-</p> <p>Check the box next to your preferred mode of contact and provide your contact information. One box MUST be checked and an entry provided.</p> <p><input type="checkbox"/> 6c Telephone Number</p> <p><input type="checkbox"/> 6d Fax Number</p> <p><input checked="" type="checkbox"/> 6e E-Mail Address Re-enter E-mail Address</p> <p>6f Holiday/vacation/summer contact information: please include name of alternate contact (if applicable) and alternate phone, fax or E-mail address</p> <p>If a consultant is assisting you with your application process, please complete Item 6g below:</p> <p>6g Consultant Name Ignacio Gonzalez Name of Consultant's Employer Abacus Charter School Consulting Consultant's Street Address 141 Leonard Drive</p> <p>City Concord State CA Zip Code 94518 Consultant's Telephone Number Ext. Consultant's Fax Number Consultant's E-mail Address Re-enter E-mail Address Consultant Registration Number 16062444</p>			
Entity Number: 16056748		Applicant's Form Identifier: ECS_471_P2_2012	
Contact Person: Quynh Tran		Contact Phone Number:	

Complete this information on EVERY Form 471 you file for the services requested on that form. Please complete all rows that apply to services for which you are requesting discounts.

Schools/school districts complete the left-hand column and libraries complete the right-hand column. Consortia complete all that apply.

Block 2: Impact of Services Ordered for Schools and Libraries from this Form 471

		Schools	Libraries
7a	Number of students or patrons to be served	950	0
b	Telephone service: Number of classrooms or rooms with phone service	80	0
c	Direct connections to the Internet: Number of drops	400	0
d	Number of classrooms or rooms with Internet access	80	0
e	Number of computers or other devices with Internet access	400	0
f	Number of dial-up Internet access and other connections of up to 200 kbps :	0	0
g	High-speed Internet access services: Number of buildings served at the following speeds (please use advertised download speed coming into building, not actual speed in classroom or work area):	At or greater than 200 kbps and less than 1.5 mbps	0
		At or greater than 1.5 mbps and less than 3 mbps	0
		At or greater than 3 mbps and less than 10 mbps	0
		At or greater than 10 mbps and less than 25 mbps	1
		At or greater than 25 mbps and less than 50 mbps	2
		At or greater than 50 mbps and less than 100 mbps	0
	Greater than 100 mbps	0	

Block 3:

8	[Reserved]
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Entity Number: 16056748	Applicant's Form Identifier: ECS_471_P2_2012
Contact Person: Quynh Tran	Contact Phone Number:

Block 4: Discount Calculation Worksheet **Worksheet - 1487207**
Page 1 of 2

The Block 4 worksheet is used to calculate your discount for services. You will complete one or more worksheets depending on the type of application you are filing. If you file more than one worksheet, please number the completed worksheets to assure that they are all processed correctly. Please refer to the instructions for information specific to the Type of Application you indicated in Block 1, Item 5.

Check here if this worksheet contains all eligible entities in the school district or library system.

9a List entities and calculate discount(s): (For Administrator's Use)
School District or Library System Name: **School District or Library System Entity Number:**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Name of Eligible Entity	Entity Number AND NCES Code (for Schools) or FSCS Code (for Libraries)	Urban or Rural U or R	Total Number of Students	Number of Students Eligible for NSLP	Percent of Students Eligible for NSLP (Col. 5 / Col. 4)	Disc. from Disc. Matrix	New Construction	Admin Entity or NIF	Alt Disc Mech	Weighted Product for Calculating Shared Discount (Col. 4 x Col. 7)	Insert appropriate codes(s): P= pre-K, H = Head Start, A = Adult Education, J = Juvenile Justice, E = ESA, D = Dormitory	Entity Number of School District in which Library Outlet/Branch is Located	Discount of Member Entity	Shared Discount
ALL ENTITIES			SCHOOLS AND LIBRARIES							Schools with shared services	Schools	Library Outlet/Branch	Consortia	

ENVIRONMENTAL CHARTER MIDDLE SCHOOL	16056750 00 000 0000	U	214	187	87.383%	90	N	N	N	19260				
ENVIRONMENTAL CHARTER HIGH SCHOOL	231840 06 21210 08718	U	474	357	75.316%	90	N	N	N	42660				

9b Shared Services

SCHOOL DISTRICTS: (Including groups of schools within school districts.) Calculate the totals of Columns 4 and 11. Divide the total of Column 11 by the total of Column 4. Enter the result in Column 15.	688									61920				90%
LIBRARY SYSTEMS: Calculate the total of Column 7. Divide this total by the number of outlets/branches. Enter the result in Column 15.														
CONSORTIA: Calculate the total of Column 14. Divide this total by the number of member entities. Enter the result in Column 15.														

Entity Number:											Applicant's Form Identifier:				
Contact Person:											Contact Phone Number:				
Block 4: Discount Calculation Worksheet											Worksheet - 1487208 Page 2 of 2				
<p>The Block 4 worksheet is used to calculate your discount for services. You will complete one or more worksheets depending on the type of application you are filing. If you file more than one worksheet, please number the completed worksheets to assure that they are all processed correctly. Please refer to the instructions for information specific to the Type of Application you indicated in Block 1, Item 5.</p> <p><input type="checkbox"/> Check here if this worksheet contains all eligible entities in the school district or library system.</p> <p>9a List entities and calculate discount(s): (For Administrator's Use) School District or Library System Name: School District or Library System Entity Number:</p>															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Name of Eligible Entity	Entity Number AND NCES Code (for Schools) or FSCS Code (for Libraries)	Urban or Rural U or R	Total Number of Students	Number of Students Eligible for NSLP	Percent of Students Eligible for NSLP (Col. 5 / Col. 4)	Disc. from Disc. Matrix	New Construction	Admin Entity or NIF	Alt Disc Mech	Weighted Product for Calculating Shared Discount (Col. 4 x Col. 7)	Insert appropriate codes(s): P= pre-K, H = Head Start, A = Adult Education, J = Juvenile Justice = ESA, D = Dormitory	Entity Number of School District in which Library Outlet/Branch is Located	Discount of Member Entity	Shared Discount	
ALL ENTITIES			SCHOOLS AND LIBRARIES							Schools with shared services	Schools	Library Outlet/Branch	Consortia		
ENVIRONMENTAL CHARTER HIGH SCHOOL	231840 06 21210 08718	U	474	357	75.316%	90	N	N	N	42660					
ENVIRONMENTAL CHARTER MIDDLE SCHOOL	16056750 00 000 0000	U	214	187	87.383%	90	N	N	N	19260					
ENVIRONMENTAL CHARTER SCHOOLS ANNEX A	16070736 00 00000 00000	U	0	0	0.000%	90	N	N	N	0					
9b Shared Services															
SCHOOL DISTRICTS: (Including groups of schools within school districts.) Calculate the totals of Columns 4 and 11. Divide the total of Column 11 by the total of Column 4. Enter the result in Column 15.			688							61920				90%	
LIBRARY SYSTEMS: Calculate the total of Column 7. Divide this total by the number of outlets/branches. Enter the result in Column 15.															
CONSORTIA: Calculate the total of Column 14. Divide this total by the number of member entities. Enter the result in Column 15.															

Entity Number: 16056748		Applicant's Form Identifier: ECS_471_P2_2012																												
Contact Person: Quynh Tran		Contact Phone Number:																												
Block 5: Discount Funding Request(s) Instructions: Use one Block 5 page for EACH service (Funding Request Number) for which you are requesting discounts. Make as many copies of this page as needed, and number the completed pages to assure that they are all processed correctly.		Block 5, page 1 of 4 FRN 2373865 (to be assigned by administrator)																												
10 <input type="checkbox"/> If this is a duplicate Funding Request (e.g., of an FRN that is not yet approved, under appeal, etc.), check this box and enter the original FRN in the space provided:																														
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	K. Funding Commitment Request (I x J)	\$87,007.56																												
12 Form 470 Application Number 695010000989672		13 SPIN – Service Provider Identification Number 143027321																												
14 Service Provider Name Advanced Network Systems, Inc.		15a <input type="checkbox"/> Check this box if this Funding Request is for non-contracted tariffed or month-to-month services.																												
15b Contract Number N/A		15c <input type="checkbox"/> Check this box if this Funding Request is covered under a master contract (a contract negotiated by a third party, the terms and conditions of which are then made available to an eligible entity that purchases directly from the service provider).																												
15d <input type="checkbox"/> Check this box if this Funding Request is a continuation of an FRN from a previous funding year based on a multi-year contract. If so, provide that FRN here:		16a Billing Account Number (e.g., billed telephone number) 3102143400																												
16b <input type="checkbox"/> Check this box if there are multiple Billing Account Numbers and attach a complete list of those numbers to this page.		17 Allowable Vendor Selection/Contract Date (mm/dd/yyyy) (based on Form 470 filing) 03/06/2012																												
18 Contract Award Date (mm/dd/yyyy) 03/20/2012		19 Service Start Date (mm/dd/yyyy) 07/01/2012																												
20a Service End Date (mm/dd/yyyy)		20b Contract Expiration Date (mm/dd/yyyy) 06/30/2013																												
21 Description of This Service: NOTE: All Item 21 Attachments must be filed before the close of the filing window. Attachment You MUST attach a description of the service, including a breakdown of components, costs, manufacturer name, make and model number. You must include any additional account or telephone numbers if the billed account has multiple numbers. Label the description with an Attachment Number, and note number in space provided. ECS-6																														
22 Entity/Entities Receiving This Service:		a. If the service is site-specific (provided to one site and not shared by others), list the Entity Number of the entity from Block 4 receiving this service: 16056750																												
		b. If the service is shared by all entities on a Block 4 worksheet, list the worksheet number (e.g., 1):																												

Entity Number: 16056748	Applicant's Form Identifier: ECS_471_P2_2012
Contact Person: Quynh Tran	Contact Phone Number:

Block 6: Certifications and Signature

- 24 I certify that the entities listed in Block 4 of this application are eligible for support because they are: (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, secondary schools, colleges, or universities.
- 25 I certify that the entity I represent or the entities listed on this application have secured access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity, necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

a Total funding year pre-discount amount on this Form 471 (Add the entries from Items 23l on all Block 5 Discount Funding Requests.)	356412.88
b Total funding commitment request amount on this Form 471 (Add the entries from Items 23K on all Block 5 Discount Funding Requests.)	320771.59
c Total applicant non-discount share (Subtract Item 25b from Item 25a.)	35641.29
d Total budgeted amount allocated to resources not eligible for E-rate support	75000
e Total amount necessary for the applicant to pay the non-discount share of the services requested on this application AND to secure access to the resources necessary to make effective use of the discounts. (Add Items 25c and 25d.)	110641.29
f <input type="checkbox"/> Check this box if you are receiving any of the funds in Item 25e directly from a service provider listed on any of the Forms 471 filed by this Billed Entity for this funding year, or if a service provider listed on any of the Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds in Item 25e.	

- 26 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.
- 27 I certify that (if applicable) I posted my Form 470 and (if applicable) made any related RFP available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology plan goals.
- 28 I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them.
- 29 I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes 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. §§ 54.500, 54.513. Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, 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.
- 30 I certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts covering all of the services listed on this Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

Entity Number: 16056748	Applicant's Form Identifier: ECS_471_P2_2012
Contact Person: Quynh Tran	Contact Phone Number:
Block 6: Certification and Signature (Continued)	
<p>31 <input checked="" type="checkbox"/> I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.</p> <p>32 <input checked="" type="checkbox"/> 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 application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to the Administrator. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.</p> <p>33 <input checked="" type="checkbox"/> I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.</p> <p>34 <input checked="" type="checkbox"/> I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.</p> <p>35 <input checked="" type="checkbox"/> I certify that if any of the Funding Requests on this Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504(g)(1), (2).</p> <p>36 <input checked="" type="checkbox"/> I certify that this funding request does not constitute a request for internal connections services, except basic maintenance services, in violation of the Commission requirement that eligible entities are not eligible for such support more than twice every five funding years as required by the Commission's rules at 47 C.F.R. § 54.506(c).</p> <p>37 <input checked="" type="checkbox"/> I certify that the non-discount portion of the costs for eligible services will not be paid by the service provider. The pre-discount costs of eligible services featured on this Form 471 are net of any rebates or discounts offered by the service provider. I acknowledge that, for the purpose of this rule, the provision, by the provider of a supported service, of free services or products unrelated to the supported service or product constitutes a rebate of some or all of the cost of the supported services.</p>	
38 Signature of authorized person <input checked="" type="checkbox"/>	39 Date 03/20/2012
<p>40 Printed name of authorized person</p> <p>41 Title or position of authorized person</p> <p><input type="checkbox"/> Check here if the consultant in Item 6g is the Authorized Person.</p> <p>42a Street Address, P.O. Box, or Route Number</p> <p>City State Zip Code -</p>	

Entity Number: 16056748		Applicant's Form Identifier: ECS_471_P2_2012	
Contact Person: Quynh Tran		Contact Phone Number:	
42b	Telephone Number of authorized Person	Ext.	
42c	Fax Number of Authorized Person		
42d	E-mail Address of authorized Person		
	Re-enter E-mail Address		
42e	Name of Authorized Person's Employer		
<p>NOTICE: Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to file this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504(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 47C.F.R. § 54.504. All schools and libraries planning to order services eligible for universal service discounts must file this form themselves or as part of a consortium.</p> <p>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.</p> <p>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, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public.</p> <p>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.</p> <p>If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.</p> <p>The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.</p> <p>Public reporting burden for this collection of information is estimated to average 4 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.</p> <p>Please submit this form to: SLD-Form 471 P.O. Box 7026 Lawrence, Kansas 66044-7026</p> <p>For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to: SLD Forms ATTN: SLD Form 471 3833 Greenway Drive Lawrence, Kansas 66046 (888) 203-8100</p>			
			FCC Form 471 - October 2010

Close Print Preview

Previous



Funding Commitment Decision Letter





USAC

Universal Service Administrative Company
Schools and Libraries Division
Correspondence Unit
30 Lanidex Plaza West
PO Box 685
Parsippany, NJ 07054-0685



TIME SENSITIVE MATERIAL

00086
Quynh Tran
ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION
16315 GREVILLEA AVENUE
LAWNDALE, CA 90260

38



UNIVERSITY OF CALIFORNIA

LIBRARY OF THE UNIVERSITY OF CALIFORNIA
SOUTH CAMPUS LIBRARY
400 CHASE DRIVE
LOS ANGELES, CALIF. 90024





Universal Service Administrative Company

Schools and Libraries Division



FUNDING COMMITMENT DECISION LETTER
(Funding Year 2012: 07/01/2012 - 06/30/2013)

May 30, 2013

Quynh Tran
ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION
16315 GREVILLEA AVENUE
LAWNDALE, CA 90260

Re: Form 471 Application Number: 870525
Billed Entity Number (BEN): 16056748
Billed Entity FCC RN: 0020332763
Applicant's Form Identifier: ECS_471_P2_2012

Thank you for your Funding Year 2012 application for Universal Service Support and for any assistance you provided throughout our review. The current status of the funding request(s) in the Form 471 application cited above and featured in the Funding Commitment Report(s) (Report) at the end of this letter is as follows.

- The amount, \$293,877.47 is "Approved."
- The amount, \$26,894.12 is "Denied."

Please refer to the Report following this letter for specific funding request decisions and explanations. The Universal Service Administrative Company (USAC) is also sending this information to your service provider(s) so preparations can begin for implementing your approved discount(s) after you file FCC Form 486, Receipt of Service Confirmation Form. A guide that provides a definition for each line of the Report is available in the Reference Area of our website.

NEXT STEPS

- Work with your service provider to determine if you will receive discounted bills or if you will request reimbursement from USAC after paying your bills in full
- Review technology planning approval requirements
- Review CIPA requirements
- File Form 486
- Invoice USAC using the Form 474 (service provider) or Form 472 (Billed Entity applicant) - as products and services are being delivered and billed

TO APPEAL THIS DECISION:

You have the option of filing an appeal with the SLD or directly with the Federal Communications Commission (FCC).

If you wish to appeal a decision in this letter to USAC, your appeal must be received by USAC or postmarked within 60 days of the date of this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. In your letter of appeal:

1. Include the name, address, telephone number, fax number, and (if available) email address for the person who can most readily discuss this appeal with us.
2. State outright that your letter is an appeal. Include the following to identify the letter and the decision you are appealing:
 - Appellant name,
 - Applicant name and service provider name, if different from appellant,
 - Applicant BEN and Service Provider Identification Number (SPIN),
 - Form 471 Application Number 870525 as assigned by USAC,
 - "Funding Commitment Decision Letter for Funding Year 2012," AND

Schools and Libraries Division - Correspondence Unit
30 Lanidex Plaza West, PO Box 685, Parsippany, NJ 07054-0685
Visit us online at: www.usac.org/sl

- The exact text or the decision that you are appealing.
- 3. Please keep your letter to the point, and provide documentation to support your appeal. Be sure to keep a copy of your entire appeal, including any correspondence and documentation.
- 4. If you are the applicant, please provide a copy of your appeal to the service provider(s) affected by USAC's decision. If you are the service provider, please provide a copy of your appeal to the applicant(s) affected by USAC's decision.
- 5. Provide an authorized signature on your letter of appeal.

To submit your appeal to USAC by email, email your appeal to appeals@sl.universalservice.org. USAC will automatically reply to incoming emails to confirm receipt.

To submit your appeal to USAC by fax, fax your appeal to (973) 599-6542.

To submit your appeal to USAC on paper, send your appeal to:

Letter of Appeal
Schools and Libraries Division - Correspondence Unit
30 Lanidex Plaza West
PO Box 685
Parsippany, NJ 07054-0685

If you wish to appeal a decision in this letter to the FCC, you should refer to CC Docket No. 02-6 on the first page of your appeal to the FCC. Your appeal must be received by the FCC or postmarked within 60 days of the date of this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. We strongly recommend that you use the electronic filing options described in the "Appeals Procedure" posted in the Reference Area of our website. If you are submitting your appeal via United States Postal Service, send to: FCC, Office of the Secretary, 445 12th Street SW, Washington, DC 20554.

OBLIGATION TO PAY NON-DISCOUNT PORTION

Applicants are required to pay the non-discount portion of the cost of the products and/or services to their service provider(s). Service providers are required to bill applicants for the non-discount portion. The FCC stated that requiring applicants to pay their share ensures efficiency and accountability in the program. If USAC is being billed via the FCC Form 474, the service provider must bill the applicant at the same time it bills USAC. If USAC is being billed via the FCC Form 472, the applicant pays the service provider in full (the non-discount plus discount portion) and then seeks reimbursement from USAC. If you are using a trade-in as part of your non-discount portion, please refer to our website for more information.

NOTICE ON RULES AND FUNDS AVAILABILITY

Applicants' receipt of funding commitments is contingent on their compliance with all statutory, regulatory, and procedural requirements of the Schools and Libraries Program. Applicants who have received funding commitments continue to be subject to audits and other reviews that USAC and/or the FCC may undertake periodically to assure that funds that have been committed are being used in accordance with all such requirements. USAC may be required to reduce or cancel funding commitments that were not issued in accordance with such requirements, whether due to action or inaction, including but not limited to that by USAC, the applicant, or the service provider. USAC, and other appropriate authorities (including but not limited to the FCC), may pursue enforcement actions and other means of recourse to collect improperly disbursed funds. The timing of payment of invoices may also be affected by the availability of funds based on the amount of funds collected from contributing telecommunications companies.

Schools and Libraries Division
Universal Service Administrative Company

FUNDING COMMITMENT REPORT
Billed Entity Name: ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION
BEN: 16056748
Funding Year: 2012

Comment on RAL corrections: The applicant did not submit any RAL corrections.

Form 471 Application Number: 870525
Funding Request Number: 2373946
Funding Status: Funded
Category of Service: Basic Maintenance of Internal Connections
Form 470 Application Number: 695010000989672
SPIN: 143031589
Service Provider Name: Network Integration Company Partners Inc
Contract Number: N/A
Billing Account Number: 3102143400
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2012
Service End Date: N/A
Contract Award Date: 03/20/2012
Contract Expiration Date: 06/30/2013
Shared Worksheet Number: 1487208
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$80,000.04
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$.00
Pre-discount Amount: \$80,000.04
Discount Percentage Approved by the USAC: 90%
Funding Commitment Decision: \$72,000.04 - FRN approved as submitted

FCDL Date: 05/30/2013
Wave Number: 045
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2014
Consultant Name: Ignacio Gonzalez
Consultant Number (CRN): 16062444
Consultant Employer: Abacus Charter School Consulting

FUNDING COMMITMENT REPORT

Billed Entity Name: ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION
BEN: 16056748
Funding Year: 2012

Comment on RAL corrections: The applicant did not submit any RAL corrections.

Form 471 Application Number: 870525
Funding Request Number: 2387284
Funding Status: Funded
Category of Service: Internal Connections
Form 470 Application Number: 695010000989672
SPIN: 143027321
Service Provider Name: Advanced Network Systems, Inc.
Contract Number: N/A
Billing Account Number: 3102143400
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2012
Service End Date: N/A
Contract Award Date: 03/20/2012
Contract Expiration Date: 06/30/2013
Site Identifier: 16056750
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$.00
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$96,675.07
Pre-discount Amount: \$96,675.07
Discount Percentage Approved by the USAC: 90%
Funding Commitment Decision: \$87,007.56 - FRN approved as submitted

FCDL Date: 05/30/2013
Wave Number: 045
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2014
Consultant Name: Ignacio Gonzalez
Consultant Number (CRN): 16062444
Consultant Employer: Abacus Charter School Consulting

FUNDING COMMITMENT REPORT

Billed Entity Name: ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION
BEN: 16056748
Funding Year: 2012

Comment on RAL corrections: The applicant did not submit any RAL corrections.

Form 471 Application Number: 870525
Funding Request Number: 2373865
Funding Status: Funded
Category of Service: Internal Connections
Form 470 Application Number: 695010000989672
SPIN: 143031589
Service Provider Name: Network Integration Company Partners Inc
Contract Number: N/A
Billing Account Number: 3102143400
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2012
Service End Date: N/A
Contract Award Date: 03/20/2012
Contract Expiration Date: 09/30/2013
Site Identifier: 16056750
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$402.36
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$149,453.05
Pre-discount Amount: \$149,855.41
Discount Percentage Approved by the USAC: 90%
Funding Commitment Decision: \$134,869.87 - FRN approved; modified by SLD
Funding Commitment Decision Explanation: MR1: Basic Maintenance of Internal Connections FRN was modified from non-recurring charges to recurring charges as required by FCC Rules. <><><><><> MR2: The FRN was modified from 152,022.89 One Time Charge to \$151,620.59 One Time Charge and \$33.53/month to agree with the applicant documentation. <><><><><> MR3: The amount of the funding request was changed from \$151,620.59 One Time Charge and \$33.53/month to \$149,453.05 One Time Charge and \$33.53/month to remove: the ineligible products Remote Monitoring Unit for \$1,821.60 and associated cost for labor at \$170, tax at \$163.94 and tax at \$12.00.

FCDL Date: 05/30/2013
Wave Number: 045
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2014
Consultant Name: Ignacio Gonzalez
Consultant Number (CRN): 16062444
Consultant Employer: Abacus Charter School Consulting

FUNDING COMMITMENT REPORT

Billed Entity Name: ENVIRONMENTAL CHARTER SCHOOLS ADMINISTRATION
BEN: 16056748
Funding Year: 2012

Comment on RAL corrections: The applicant did not submit any RAL corrections.

Form 471 Application Number: 870525
Funding Request Number: 2373921
Funding Status: Not Funded
Category of Service: Internal Connections
Form 470 Application Number: 695010000989672
SPIN: 143027091
Service Provider Name: Digital Networks Group, Inc.
Contract Number: N/A
Billing Account Number: 3102143400
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2012
Service End Date: N/A
Contract Award Date: 03/20/2012
Contract Expiration Date: 09/30/2013
Site Identifier: 16056750
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$.00
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$29,882.36
Pre-discount Amount: \$29,882.36
Discount Percentage Approved by the USAC: 90%
Funding Commitment Decision: \$0.00 - Ineligible Services/Products
Funding Commitment Decision Explanation: Thirty percent or more of this FRN includes a request for PVS 200IP system which is a 100% ineligible product based on Program rules.

FCDL Date: 05/30/2013
Wave Number: 045
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2014
Consultant Name: Ignacio Gonzalez
Consultant Number (CRN): 16062444
Consultant Employer: Abacus Charter School Consulting