

**AMENDMENT I TO AGREEMENT #345-S1611  
BETWEEN THE EL DORADO COUNTY LIBRARY AND CALIFA FOR THE  
PROVISION, INSTALLATION AND MAINTENANCE OF ADVANCED  
NETWORK (DATA) SERVICES**

This Amendment I to that Agreement for Services #345-S2611, made and entered into by and between the Califa Group, a California public benefit corporation, hereinafter referred to as "Califa" and the El Dorado County Library hereinafter referred to as "Library".

**WHEREAS**, Califa, on behalf of the California State Library, has contracted with Corporation for Education Network Initiatives in California (CENIC) to provide high speed networking to libraries in California, in accordance with Agreement for Services #345-S1610, dated February 23, 2016, incorporated herein and made by reference a part hereof; and

**WHEREAS**, the parties hereto have mutually agreed to replace Appendix #1 with revised Appendix #1A, which removes the Georgetown circuit; replaces the Placerville Comcast circuit with a no cost one (1) gigabit VAST/CVIN circuit; and removes language in Appendix I referring to one or more circuits being a switched circuit with two billed elements.

**NOW THEREFORE**, the parties do hereby agree that Agreement for Services #345-S1611 shall be amended a first time as follows:

Appendix #1 is hereby replaced with Appendix #1A attached hereto and incorporated herein by reference.

**IN WITNESS WHEREOF**, the parties hereto have caused this agreement to be executed by their respective duly authorized representatives.

**For Library**


\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

Chair, Board of Supervisors  
Title

\_\_\_\_\_  
Date

**For Califa**

  
\_\_\_\_\_  
Signature

Paula Mackinnon  
Name

Interim Executive Director  
Title

9.20.16  
Date

**Appendix #1A**  
**Provision, Installation and Maintenance**  
**Of Advanced Network (Data) Services:**  
**Reimbursement of Circuit Costs**

This Appendix lists the circuits contracted for by CENIC on behalf of Califa and the Library for connecting CENIC's fiber optic backbone to Library and for library connections that are not direct connections to CENIC's fiber optic backbone, e.g. direct connections between libraries. Library understands that CENIC will bill Califa, and Califa will bill Library, for actual costs of circuits charged by network service providers, including taxes and surcharges and without markup. Prior to approval of CENIC's Library consortium E-rate application by the FCC's E-rate contractor, not all applicable E-rate and CTF discounts will be reflected on invoices. After the E-rate application for any given year is approved, the network service provider will coordinate with CENIC to provide appropriate credits and such credits will be passed from CENIC to Califa and from Califa to the Library. Such credits will be issued to the County in the form of a lump sum reimbursement check and are typically issued sometime during the fiscal year after the year in which the circuits are installed and services are first provided. In subsequent years, credits continue to be issued in the fiscal year after the year for which services have been provided. Library further understands that the exact discounted cost of circuits will not be known until after the E-rate consortium application is approved. The actual start date of the service, and therefore of circuit costs, will be dependent on coordination among CENIC, the Library and the network service provider. Any one time (Non-recurring or NRC) costs included below are typically invoiced by carriers prior to circuit installation and will be invoiced to Library upon receipt of invoice to CENIC from carrier.

**1 Gbps AT&T ASE Circuit**

<b>Summary Totals for El Dorado County Public Libraries</b>	Pre Discount Costs (not including Taxes & Surcharges)	
	Non-Recurring Costs	Monthly
	\$ 51,952.00	\$ 4,052.50

<b>El Dorado County Library</b>					
<b>AT&amp;T, Vast &amp; Comcast (5 year term)</b>					
		<b>1G to CalREN</b>			
<b>Summary Totals</b>		Pre Discount Costs (not including Taxes & Surcharges)		Estimated Net Costs, after discounts applied (not including Taxes & Surcharges)	
		NRC*	Monthly	NRC*	Monthly
		\$ -	\$4,052.50	\$ -	\$ 405.25
Note: Design is for a 1Gbps circuit from El Dorado County Library to a CalREN Hub site.					
<b>1G Circuit to CalREN</b>					
<b>Connection to HUB</b>	<b>Disc %</b>	Pre Discount Costs		Estimated Net Costs, after discounts applied	
E-rate Discount for El Dorado County***:	0.8				
CTF Discount**:	0.5				
<b>Connection to CalREN Hub at El Dorado County</b>		NRC*	Monthly	NRC*	Monthly
Link 1: Placerville (Main) Library 1G to CalREN Hub (Vast)		\$ -	\$ -	\$ -	\$ -
Link 2: Cameron Park Library 1G to CalREN Hub (Comcast)		\$ -	\$ 940.00	\$ -	\$ 94.00
Link 3: El Dorado Hills Library 1G to CalREN Hub (Comcast)		\$ -	\$ 940.00	\$ -	\$ 94.00
Link 4: Georgetown Library 1G to CalREN Hub (Comcast)		\$ -	\$ -	\$ -	\$ -
Link 5: Pollock Pines Library 1G to CalREN Hub (Comcast)		\$ -	\$ 940.00	\$ -	\$ 94.00
Link 6: South Lake Tahoe Library 1G to CalREN Hub (AT&T)		\$ -	\$1,232.50	\$ -	\$123.25
<b>Equipment to Connect to CalREN Hub at El Dorado County Library</b>		Qty	Cost		Total
		4	\$12,988.00		\$51,952.00
Taxes & Surcharges on links		<i>Varies</i>			
Library Equipment		El Dorado County is responsible to provide a router with a 1 Gbps interface and at least one LAN interface. This router should support BGP and NAT. An upgraded Firewall appliance may also be needed to support 1 Gbps data streams.			

Note 1: These numbers do not include early termination fees that might be required from current provider(s), nor equipment the library may need to purchase to support these circuits, nor Taxes & Surcharges on the circuits.

Note 2: The pricing/service for the 3 highlighted branches provided by Comcast are bundled quote and all sites must be ordered at this service level. Individual pricing may be obtained, but would change the pricing of both NRC & Monthly for all 3 branches.

Note 3: E-rate and CTF discounts are dependent upon the continued funding of these programs. CENIC/Califa cannot guarantee the E-rate and CTF discounts, and these discounts are subject to change.

#### Definitions

\*NRC - Non-Recurring Charges. These costs could be subject to change should a telecommunications provider determine during circuit engineering prior to circuit installation that additional costs are required. Should this occur, the library may cancel the circuit with NRC, or if all circuits are to be charged additional costs as compared to those in this agreement library may cancel this entire agreement or ask whether another circuit(s) with lower NRC but potentially higher on going monthly costs is (are) available.

\*\*CTF discount - percent discount of amount after E rate discount is applied.

\*\*\*E-rate discount: percent discount indicated is an estimate based on data available at the time the quote was generated. Actual discount percentage will be identified by the E rate authorities at a later point.