

CITY OF BOSTON
LAW DEPARTMENT

City Hall, Room 615
Boston, MA 02201

THOMAS M. MENINO
Mayor

MERITA A. HOPKINS
Corporation Counsel

May 26, 2000

VIA FEDERAL EXPRESS OVERNIGHT DELIVERY

Federal Communications Commission
Office of the Secretary
445 12th Street, S.W.
Room TW-A325
Washington, D.C. 20024

RECEIVED
MAY 30 2000
FCC MAIL ROOM

**RE: In the matter of Request for Review of the Decision of the Universal Service
Administrator by The Boston Public Library
FCC Docket Nos.: 96-45 and 97-21**

Dear Sir or Madam:

Enclosed please find for filing the above-referenced Request for Review of the
Decision of the Universal Service Administrator by the Boston Public Library.

A copy of this filing has been served this date upon the Administrator.

Thank you for your attention to this matter.

Sincerely,

Susan F. Rice

Susan F. Rice
Assistant Corporation Counsel
(617) 635-4030

Cc: Administrator, Schools and Libraries Division
Universal Service Administrative Co.
Box 125 – Correspondence Unite
100 South Jefferson Road
Whippany, NJ 07981

No. of Copies rec'd 0
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Federal Communications Commission
Washington, D.C. 20024

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MAY 30 2000
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In the matter of Request for Review of
the Decision of the
Universal Service Administrator by

The Boston Public Library
Boston, Massachusetts

Federal-State Joint Board on Universal Service

Changes to the Board of Directors of the
National Exchange Carrier Association, Inc.

FCC DOCKET NO. 96-45

FCC DOCKET NO. 97-21

**REQUEST FOR REVIEW OF AN ADMINISTRATOR DECISION BY THE
FEDERAL COMMUNICATIONS COMMISSION**

i. Introduction

This is an appeal seeking review of an Administrator’s Decision on Appeal dated April 27, 2000 by the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC or Administrator). By this appeal, the Boston Public Library (BPL) seeks review of SLD’s interpretation of certain BPL funding requests as ineligible services. For the reasons which follow, BPL respectfully requests that the FCC grant its appeal.

ii. Statement of the Relevant Facts

BPL is a public library system that services the Boston metropolitan area. BPL is made up of a main library site at Copley and twenty-nine (29) branch locations which are spread throughout the metropolitan area.¹

¹ These branch locations have also been referred to as “remote” locations throughout the SLD funding process.

On or about April, 1999, BPL submitted five FCC FORM 471 applications requesting a 90% discount on \$2,327,560.60 worth of services for fiscal year 2000. By letter dated October 12, 1999, SLD denied \$368,947.16 worth of services (see attached as Exhibit A). Specifically, SLD denied BPL's request for Funding Request Numbers (FRNs) 0000269172 (\$188,319.16) and 0000269173 (\$180,627.20) (Exhibit A, page 5). These requests are contained within FCC FORM 471 (see attached as Exhibit B).

In the funding commitment decision explanation for FRN 269172, SLD gave as reasons for its denial of funding that: "30% or more of this FRN includes ineligible request for remote maint, remote monitoring, monitoring leased lines, voice compression maint and CD server maint." (Exhibit A, page 5). In the funding commitment decision explanation for FRN 269173, SLD gave as reasons for its denial that: "30% or more of this FRN includes a request for salary of 2 full-time technicians at the library for 40 hrs/wk, which is an ineligible product(s)/service(s) based on program rules." (Id.)

BPL requested reconsideration of SLD's decision regarding FRNs 269172 and 269173 by two separate Letters of Appeal dated November 9, 1999 (see attached as Exhibits C and D, respectively). As justification for its appeal of FRN 269172, BPL contended that two of the five items listed as ineligible by SLD were indeed eligible under program rules. (Exhibit C). In its Letter of Appeal, BPL explained that the first item identified as "remote maintenance" is the cost of maintenance of LAN and internal connections at the BPL remote locations and was erroneously categorized as ineligible, perhaps as a result of confusion over the word "remote". (Id.) "Remote", however, is the term that BPL's vendor uses to describe BPL's branch locations, as opposed to BPL's main location at Copley. (Id.) The second item BPL contends is an eligible service is

"voice compression equipment maintenance". (Id.) In its letter of appeal, BPL explained that the request is for maintenance of voice compression equipment which are cards that go into BPL's routers which convert voice signals to digital data so that they may be carried over the same dedicated lines that BPL uses to connect the branch locations for Internet access. (Id.) These lines are provided by Bell Atlantic and meet the rules governing WANs. (Id.) BPL contends that when these two eligible services are removed from consideration, the remaining ineligible services total only 28% of the total funding request. (Id.) Thus, BPL argued in its Letter of Appeal that the funding request should be approved after the deduction of the ineligible items identified. (Id.)

As justification for its appeal of FRN 269173, BPL agreed with SLD that salary is ineligible when applied to employees of the school or library. (Exhibit D). The salaries that BPL requested, however, were for two telecommunication employees of the vendor who are installing telecommunications wiring for BPL which is an eligible service. (Id.)

By letter dated April 27, 2000, the Administrator upheld SLD's denial in full for FRNs 269172 and 269173 (see attached as Exhibit E). The instant Request for Review followed.

iii. Questions Presented for Review

1. In reference to the denial of funding for FRN 269172, the questions presented for review are:
 - a. Whether remote maintenance is an eligible service under program rules?
 - b. Whether voice compression maintenance is an eligible service under program rules?

2. In reference to the denial of funding for FRN 269173, the question presented for review is:

- a. Whether two telecommunication specialists who are not employees of BPL who are installing telecommunications wiring are performing an eligible service?

iv. Argument

In its FCC Form 471 application, BPL requested funding under Internal Connections for network maintenance services in the amount of \$188,320.00. (See Exhibit B, page 1 of 1, Form 471 Pre-Discount Cost Calculation Optional Grid). In the funding commitment decision explanation for this request (FRN 269172), SLD gave as reasons for its denial of funding that: “30% or more of this FRN includes ineligible request for remote maint, remote monitoring, monitoring leased lines, voice compression maint and CD server maint.” (Exhibit A, page 5). BPL contends, however, that two of these five services are indeed eligible under program rules. Specifically, BPL contends that the services described as “remote maintenance” and “voice compression maintenance” are eligible services.

1. a. Remote Maintenance is an eligible service.

By the service described as “remote maintenance”, BPL is requesting funding in the amount of \$47,600 for on-site maintenance of eligible equipment at the library branches remote to Copley, its main location. BPL regrets any confusion resulting from use of the term “remote” to describe its “branch” locations as opposed to its main facility at Copley. Maintenance is an eligible service under the program rules when it is

performed on eligible equipment. (see attached as Exhibit F). Maintenance &

Installation is defined in the rule as:

Installation, Labor and Maintenance Agreement (contract or tariff) fees – The charges incurred for the installation and contractual maintenance of eligible Telecommunications Services, Internal Connections and Internet Access are eligible for discount. No personnel costs, fees or salaries incurred by schools and libraries are eligible for discounts. The charges incurred for the maintenance and installation performed on eligible Telecommunications Services, Internal Connections and Internet Access on a time and material basis are eligible for discount. The Service Category used for Maintenance & Installation should reflect the Service Category of the product or service being installed or maintained. As an example, if the service being installed is a Telecommunications Service, then the installation should also reflect that same category, Telecommunications Service.

This is a request for funding for on-site maintenance at BPL's branch locations to service eligible equipment procured through SLD during program year I (PY-I).

Therefore, BPL respectfully requests that the FCC find that the service described as remote maintenance is an eligible service under the program rules.

b. Voice Compression Maintenance is an eligible service.

The second item that BPL contends SLD incorrectly categorized as an ineligible service is one requested for voice compression maintenance in the amount of \$18,600.

As defined above, maintenance is an eligible service when performed on eligible equipment under the program rules. A voice compression module is a conditionally eligible product under the program rules and is defined as follows:

The Voice Compression Module allows voice and fax traffic to share the same lines as data and LAN traffic. A single Voice Compression Module simultaneously compresses up to 32 channels for transmission over public or private frame relay networks or dedicated lease lines.

The Voice Compression Module is an eligible component of Internal Connections as long as it is installed in an eligible component. If installed in a workstation, or personal computer, it is not eligible. (see attached as Exhibit G).

The equipment that BPL is seeking funding for maintenance satisfies the above condition because it is installed in an eligible component, a CISCO 3640 router. (see Letter of Kevin Cote dated May 25, 2000 and attached as Exhibit H). In fact, the CISCO 3640 router is equipment procured through the SLD process, and by this request, BPL is seeking funding for its maintenance.

Accordingly, if you calculate BPL's request after recategorizing these items as eligible-- remote maintenance (\$47,600) and voice compression maintenance (\$18,600)— then, the remaining ineligible services now represents 28% of the original request as shown in the table below. Therefore, BPL is entitled to funding on this request.

Item	Eligible	Ineligible
previously declared eligible by SLD	\$ 69,620.00	
remote (branch library) onsite maintenance	\$ 47,600.00	
voice compression maintenance	\$ 18,600.00	
<i>eligible subtotal</i>	<i>\$ 135,820.00</i>	
remote monitoring		\$ 42,000.00
monitoring leased lines		\$ 3,300.00
CD server maintenance		\$ 7,200.00
<i>ineligible subtotal</i>		<i>\$ 52,500.00</i>
percent of original request (\$188,320)	72%	28%

2. Telecommunication specialists who are not employees of BPL who are installing telecommunications wiring are performing an eligible service.

In its FCC 471 application, BPL requested funding in the amount of \$180,627.00 under Internal Connections for two (2) telecommunications specialists employed by a

private company, Balco, Inc. (See Exhibit B, page 1 of 1, Form 471 Pre-Discount Calculation Optional Grid). In its funding commitment decision explanation for this request (FRN 269173), SLD gave as reasons for its denial that: “30% or more of this FRN includes a request for salary of 2 full-time technicians at the library for 40 hrs/wk, which is an ineligible product(s)/service(s) based on program rules.” (See Exhibit A, page 5)

This request for funding, however, is pursuant to a time and materials contract with Balco, Inc. The telecommunication specialists are not employees of BPL nor the City of Boston. According to the terms of BPL’s contract with Balco, these individuals are employees of Balco. (see affidavit of Edward Maheigan attached as Exhibit I; see also letter of Kevin Morrison dated May 24, 2000 and attached as Exhibit J). These individuals are installing telecommunications wiring to procured eligible equipment.

Wiring is an eligible service under the program rules and is defined as:

Including, but not limited to: cable (copper/fiber/coax), bays, jacks, blocks, panels, and terminals. Included in this category is all wiring and cable necessary to transport information all the way to individual classrooms. Wiring may also include Category 5 type of wiring. (see attached as Exhibit K)

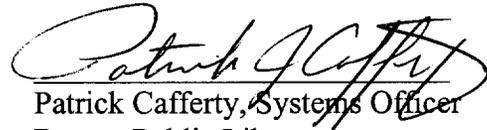
As mentioned above, maintenance and installation is an eligible service when it is performed on eligible equipment. Accordingly, BPL respectfully requests that the FCC find that the request for two telecommunication specialists who are not employees of the BPL and who are installing telecommunications wiring is an eligible service under the program rules.

v. **Relief Sought**

For the reasons stated above, BPL respectfully requests that the FCC grant its appeal and order that BPL's application be remanded to the SLD to issue a new funding commitment decision providing discounts for all eligible services requested by BPL.

Respectfully submitted,
THE BOSTON PUBLIC LIBRARY

By:



Patrick Cafferty, Systems Officer
Boston Public Library
P.O. Box 286
Boston, MA 02117
(617) 536-5400



A



USAC
UNIVERSAL SERVICE
ADMINISTRATIVE CO.

SCHOOLS AND LIBRARIES DIVISION
Box 125 - Correspondence Unit
100 South Jefferson Road
Whippany, NJ 07981

RECEIVED

MAY 30 2000

FCC MAIL ROOM

BOSTON PUBLIC LIBRARY/METRO BO
PATRICK CAFFERTY
PO BOX 286
BOSTON MA 02117-0286

October 12, 1999

Re: Form 471 Application Number: 151165
Funding Year: 07/01/1999 - 06/30/2000
Billed Entity Number: 149096

Thank you for your 1999-2000 E-rate application and for any assistance you provided throughout our review. We have completed processing of your Form 471. This letter is to advise you of our decisions.

FUNDING COMMITMENT REPORT

From your Form 471, we reviewed row-by-row discount requests in Items 15 and 16. We assigned each row a Funding Request Number (FRN). On the pages following this letter, we have provided a Funding Commitment Report for each FRN in your application.

Attached to this letter you will find a guide that defines each line of the Funding Commitment Report and a complete list of FRNs from your application. The SLD is also sending this information to your service provider(s) so arrangements can be made to begin implementing your E-rate discount(s). We would encourage you to contact your service providers to let them know your plans regarding these services.

FOR QUESTIONS

If you have questions regarding our decisions on your E-rate application, please notify us in writing. Your questions should be sent to: Questions, Schools and Libraries Division, Universal Service Administrative Company, Box 125 - Correspondence Unit, 100 South Jefferson Road, Whippany, NJ 07981.

FOR APPEALS

If you wish to appeal to the SLD, your appeal must be made in writing and received by us within 30 days of issuance of this letter as indicated by its postmark. In your letter of appeal, please include: correct contact information for the appellant, information on the Funding Commitment Decision you are appealing and the specific Funding Request Number in question, and an original authorized signature. Appeals sent by fax, e-mail or phone call cannot be processed. Please mail your appeal to: Letter of Appeal, Schools and Libraries Division, Box 125 - Correspondence Unit, 100 South Jefferson Road, Whippany, NJ 07981. You may also call our Client Service Bureau at 888-203-8100. While we encourage you to resolve your appeal with the SLD first, you have the option of filing an appeal directly with the Federal Communications Commission (FCC): FCC, Office of the Secretary, 445 12th Street SW, Room TW-A 325, Washington, D.C. 20554.

NEXT STEPS

Once you have reviewed this letter and have determined that some or all of your requests have been funded, your next step is to complete and submit the enclosed FCC Form 486. This Form notifies the SLD that you are currently receiving or have begun receiving services approved for discounts and provides certified indication that your technology plan(s) has been approved. As you complete your Form 486, you should also contact your service provider to verify they have received notice from the SLD of your commitments. After the SLD processes your Form 486, we can begin processing invoices from your service provider(s) so they can be reimbursed for discounted services they have provided you. For further detailed information on next steps, please review all enclosures.

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 universal service mechanisms for schools and libraries. FCC Form 471 Applicants who have received funding commitments continue to be subject to audits and other reviews that SLD or the Commission may undertake periodically to assure that funds have been committed and are being used in accordance with all such requirements. If the SLD subsequently determines that its commitment was erroneously issued due to action or inaction, including but not limited to that by SLD, the Applicant, or service provider, and that the action or inaction was not in accordance with such requirements, SLD may be required to cancel these funding commitments and seek repayment of any funds disbursed not in accordance with such requirements. The SLD, and other appropriate authorities (including but not limited to USAC and the FCC) may pursue enforcement actions and other means of recourse to collect erroneously 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.

We look forward to continuing our work with you on connecting our schools and libraries together through communications technology.

Sincerely,
Kate L. Moore
President, Schools and Libraries Division, USAC

Enclosures

EXPLANATION OF A FUNDING COMMITMENT REPORT

Attached to this letter will be a report for each approved E-rate funding request from your application. We are providing the following definitions.

- * **FUNDING REQUEST NUMBER (FRN):** A Funding Request Number is assigned by the SLD to each line completed in Items 15 and 16 of your Form 471 once an application has been processed. This number is used to report to applicants and vendors the status of individual discount requests submitted on a Form 471. Applicants and vendors learned about FRNs when they received their Receipt Acknowledgement Letter and must use these numbers when completing the Form 486 and Invoices. An FRN will never be longer than 10 digits. If a FRN is shorter than 10 digits, applicants are advised to add zeroes to the front of the numbers to reach 10 digits when filing post-commitment forms.
- * **FUNDING STATUS:** Each FRN will have one of six definitions: "Funded", "Denied", "Partially Funded", "Funds Exhausted", "Unfunded", or "As Yet Unfunded". An FRN that is "Funded" will be approved at the level that SLD determined is appropriate for that item. That will generally be the level requested by you unless the SLD determines during the application review process that some adjustment is appropriate, for example, a different discount percentage for that FRN than the Form 471 featured. A "Denied" FRN is one for which no funds will be committed, and the reason for that decision will be briefly explained in the "Funding Commitment Decision", and amplification of that explanation may be offered in the section, "Funding Commitment Decision Explanation". In accordance with FCC program rules, FRNs are "Partially Funded" or "Unfunded", if the total amount of funds in the Universal Service Fund is insufficient to fully fund or fund all approved requests. If the Form 471 was received after all the funds in the Universal Service Fund were allocated and it was processed, the status will indicate "Unfunded - Funds Exhausted". "As Yet Unfunded" is a temporary status that would be assigned to an FRN when the SLD is uncertain at the time the letter is generated whether there will be sufficient funds to make commitments for a particular service type at a particular discount level. For example, if your application included both telecommunications services and internal connections, you might receive a letter with our funding commitment for your telecommunications requests and a message that your internal connections requests are "As Yet Unfunded". You would then receive a later letter regarding our funding decision on your internal connections requests.
- * **SPIN (Service Provider Identification Number):** A unique number assigned by the Universal Service Administrative Company to vendors seeking payment from the Universal Service Fund for participating in the universal service support programs. A SPIN contains 9 digits and should be included by applicants on their completed Form 471 applications. A SPIN is also used to verify delivery of services and to arrange for payment.
- * **SERVICE PROVIDER NAME:** The legal name of the service provider.
- * **PROVIDER CONTRACT NUMBER:** The number of the contract between the eligible party and the service provider. This will be present only if a contract number was provided on Form 471.
- * **SERVICES ORDERED:** The type of service ordered from the service provider, as shown on Form 471.
- * **EARLIEST POSSIBLE EFFECTIVE DATE OF DISCOUNT:** The first possible date of service for which the SLD will reimburse service providers for the discounts for the service. Note: If the actual service start date provided on a Form 486 is later than this date, the actual service start date set forth in the Form 486 will be the effective date of the discount.
- * **CONTRACT EXPIRATION DATE:** The date the contract expires. This will be present

only if a contract expiration date was provided on Form 471. This is not applicable for tariff services.

- * **SITE IDENTIFIER:** This will appear only for FRNs listed in Item 16 of your Form 471. For public schools, the 12-digit NCES code you listed in Item 14 for this school site will appear here. If there is no NCES Code for an FRN in Item 16, the SLD-assigned entity number will appear here.
- * **PRE-DISCOUNT COST:** Amount in Column 10 of Item 15/16, Form 471, as determined through the application review process. Please note that, during the Problem Resolution process at SLD, the amount in Col. 10 of Item 15/16 may have been corrected to conform to the information provided about Service Start Date and

Monthly Costs.

- * **DISCOUNT PERCENTAGE APPROVED BY THE SLD:** This is the discount rate that the SLD has approved for this service.
- * **FUNDING COMMITMENT DECISION:** This represents the total amount of funding that the SLD is now reserving to reimburse service providers for the discounts for this service through June 30, 2000. This figure may be different from the Estimated Total Annual Pre-Discount Cost (Col. 10 of Item 15/16) times the Percentage Discount (Col. 11 of Item 15/16) in the 471 application. It may be lower because of an adjustment determined appropriate by the SLD, such as of the discount percentage, or a denial of discounts and, if so, the accompanying comment will explain this difference. The difference may also reflect a reduction from the request level made necessary by overall funding limitations, in which case the "Funding Status" above will indicate "Partially Funded" or "Unfunded". Whatever amount is listed here, it is important that you and the service provider both recognize that the SLD should be invoiced and the SLD may direct disbursement of discounts on only eligible, approved services actually rendered.
- * **FUNDING COMMITMENT DECISION EXPLANATION:** This entry may appear to amplify the comment in the "Funding Commitment Decision", if the discount request for this service is denied for reasons other than "Unfunded" or if the SLD determined that some adjustment to the request level was appropriate.

FUNDING COMMITMENT REPORT FOR APPLICATION NUMBER: 0000151165

Funding Request Number: 0000269170 Funding Status: Funded
SPIN: 143004778 Service Provider Name: Retro-Fit Incorporated
Provider Contract Number: C
Services Ordered: Internal Connections (Shared)
Earliest Possible Effective Date of Discount: 07/01/1999
Contract Expiration Date: 07/09/2001
Pre-discount Cost: \$630,925.00
Discount Percentage Approved by the SLD: 90%
Funding Commitment Decision: \$567,832.50 - FRN approved; modified by SLD
Funding Commitment Decision Explanation: The dollars requested were reduced to remove ineligible products/services: 2 backup domain controllers, remote access internet server and its maintenance.

Funding Request Number: 0000269172 Funding Status: Unfunded or Denied-
SPIN: 143004778 Service Provider Name: Retro-Fit Incorporated
Provider Contract Number: C
Services Ordered: Internal Connections (Shared)
Earliest Possible Effective Date of Discount: 07/09/1999
Contract Expiration Date: 07/09/2001
Pre-discount Cost: \$188,319.96
Discount Percentage Approved by the SLD: N/A
Funding Commitment Decision: \$0.00 - Inel. svcs./ or product(s)
Funding Commitment Decision Explanation: 30% or more of this FRN includes ineligible request for remote maint, remote monitoring, monitoring leased lines, voice compression maint and CD server maint.

Funding Request Number: 0000269173 Funding Status: Unfunded or Denied -
SPIN: 143016523 Service Provider Name: Balco, Inc.
Provider Contract Number: C1944-99
Services Ordered: Internal Connections (Shared)
Earliest Possible Effective Date of Discount: 07/01/1999
Contract Expiration Date: 06/30/2001
Pre-discount Cost: \$180,627.20
Discount Percentage Approved by the SLD: N/A
Funding Commitment Decision: \$0.00 - Inel. svcs./ or product(s)
Funding Commitment Decision Explanation: 30% or more of this FRN includes a request for salary of 2 full-time technicians at the library for 40hrs/wk, which is an ineligible product(s)/service(s) based on program rules.

Schools and Libraries Universal Service Order and Certification Form

3010

Retrofit
BALCO

RALLY ✓

Estimated Average Burden Hours Per Response: 6 hours
eligible telecommunications-related services they have ordered and estimate the annual
Corporation can set aside sufficient support to reimburse providers for services.

(To be completed by each Billed Entity)

ons (School, library, or consortium desiring Universal Service funding.)

1. Name of Applicant (Billed Entity) **Boston Public Library/Metro Boston** 2. Funding Year **July 1, 1999 - June 30, 2000**

3a. NCES School Code (if individual school) or NCES Library Code (if individual library)

3b. 471 Application Number (Administrator will insert this) 3c. Billed Entity Number
149096

4a. Type of Applicant (Check only one box.)
 school
 school district
 library or library consortium under the LSTA
 consortium of multiple entities

4b. If applicant is a consortium, check all other boxes that apply:
 includes non-governmental entities ineligible for support
 region of a state statewide multi-state
 state educational agency
 local educational agency
 educational service agency

5. Applicant's Street Address, P.O. Box, or Route Number
P.O. Box 286

City Boston	State MA	Zip Code 02117	Telephone Number (617) 536-5400 Ext.398	E-mail Address pcafferty@bpl.org
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6. Contact Person's Name **Patrick Cafferty**

Street Address, P.O. Box, or Route Number (if different from Item 5)

City	State	Zip Code
------	-------	----------

Fill in all of the following (if available), and check the preferred mode of contact: Telephone **(617) 536 5400 Ext. 398**
 FAX **(617) 536 2853** E-mail **pcafferty@bpl.org** Mail

Block 2: Purpose of Request

7. Purpose of Request: (Check all that apply, if any.)

a. Discount on contract(s) signed prior to a request being posted on the Administrator's website.
Was an FCC Form 470 filed with regard to all the contract(s)? Yes No

b. Discount on contract(s) signed after a request being posted on the Administrator's website.

c. Minor modification or supplement to existing contract(s) for which a Form 471 was already filed.
471 Application Number _____

Block 3: Characteristics of Applicant and Applicant's Service Order (derived from FCC Form 470 Blocks 2 & 3)

8a. Number of students	8b. Number of library patrons 680,000
9. Number of buildings to be served 29	10. Number of rooms to be served 200

Contact Person's Name Patrick Cafferty

and Phone Number: (617) 536-5400 Ext. 398

	Existing Service	Total Services After Order
11. Telecommunications Services		
a. Number of phones that have or require service (See instructions concerning extension phones and fax machines.)	94	637
b. Number of computers that have or require service	850	950
c. Number of high bandwidth video conferencing links	0	0
12. Internal Connections		
a. Number of buildings with at least some rooms connected	29	29
b. Number of rooms connected	200	200
c. Highest speed of connection	T1	T1
13. Internet Access		
a. Number of dial up connections		
b. Highest speed of such dial up connections		
c. Number of direct connections	2	1
d. Highest speed of such direct connections	T1	T3

Block 4: Determining Discount Percentage

4. Fill in one line per school, library, or library consortium and calculate in the last line, an average discount rate for the billed entity. Attach additional pages if necessary. *Note:* If the applicant has already completed this chart for all of the same entities with data that is current, provide the "471 Application Number" (Item 3b), from that previous FCC Form 471 here:

(1) Name of Individual School or Library	(2) NCES or Comparable Code for School or Library (Obtain from Administrator)	(3) Urban or Rural	(4) <i>For Schools:</i> Number of Students <i>For Libraries:</i> NCES Code of a School in its District	(5) <i>For Schools:</i> Number of Students Eligible for National School Lunch Program	(6) Discount Calculated from Discount Matrix	(7) Check if School or Library will use "Shared Services" listed in Item 15.
Boston Public Library - Copley	2502790-00202	Urban	250279000202		90%	<input checked="" type="checkbox"/>
Adams Street Branch	2502790-00202	Urban	250279000202		90%	<input checked="" type="checkbox"/>
Brighton Branch	2502790-00202	Urban	250279000202		90%	<input checked="" type="checkbox"/>
Charlestown Branch	2502790-00202	Urban	250279000202		90%	<input checked="" type="checkbox"/>
Codman Branch	2502790-00202	Urban	250279000202		90%	<input checked="" type="checkbox"/>
Connolly Branch	2502790-00202	Urban	250279000202		90%	<input checked="" type="checkbox"/>
FOR SHARED SERVICES ORDERED BY BILLED ENTITY (attach worksheet of calculations)					90%	

Block 4: Determining Discount Percentages

14. Fill in one line per school, library, or library consortium and calculate in the last line, an average discount rate for the billed entity. Attach additional pages if necessary. Note: If the applicant has already completed this chart for all of the same entities with data that is current, provide the "471 Application Number" (Item 3b), from that previous FCC Form 471 here:

(1) Name of Individual School or Library	(2) NCES Comparable Code for School or Library (Obtain from Administrator)	(3) Urban or Rural	(4) <i>For Schools:</i> Number of Students <i>For Libraries:</i> NCES Code of a School in its District	(5) <i>For Schools:</i> Number of Students Eligible for National School Lunch Program	(6) Discount Calculated from Discount Matrix	(7) Check if School or Library will use "Shared Services" listed in Item 15.
Dudley Branch		Urban	250279000202		90%	<input type="checkbox"/>
East Boston Branch		Urban	250279000202		90%	<input type="checkbox"/>
Egleston Square Branch		Urban	250279000202		90%	<input type="checkbox"/>
Faneuil Branch		Urban	250279000202		90%	<input type="checkbox"/>
Fields Corner Branch		Urban	250279000202		90%	<input type="checkbox"/>
Grove Hall Branch		Urban	250279000202		90%	<input type="checkbox"/>
Hyde Park Branch		Urban	250279000202		90%	<input type="checkbox"/>
Jamaica Plain Branch		Urban	250279000202		90%	<input type="checkbox"/>
Lower Mills Branch		Urban	250279000202		90%	<input type="checkbox"/>
Mattapan Branch		Urban	250279000202		90%	<input type="checkbox"/>
North End Branch		Urban	250279000202		90%	<input type="checkbox"/>
Orient Heights Branch		Urban	250279000202		90%	<input type="checkbox"/>
Parker Hill Branch		Urban	250279000202		90%	<input type="checkbox"/>
Roslindale Branch		Urban	250279000202		90%	<input type="checkbox"/>
South Boston Branch		Urban	250279000202		90%	<input type="checkbox"/>
South End Branch		Urban	250279000202		90%	<input type="checkbox"/>
Uphams Corner Branch		Urban	250279000202		90%	<input type="checkbox"/>
Washington Village Branch		Urban	250279000202		90%	<input type="checkbox"/>
West End Branch		Urban	250279000202		90%	<input type="checkbox"/>
West Roxbury Branch		Urban	250279000202		90%	<input type="checkbox"/>
Norwood Service Building		Urban	250279000202		90%	<input type="checkbox"/>
Kirstein Branch		Urban	250279000202		90%	<input type="checkbox"/>
Mobile Library Services		Urban	250279000202		90%	<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
FOR SHARED SERVICES ORDERED BY BILLED ENTITY (attach worksheet of calculations)					90%	<input type="checkbox"/>

Boston Public Library

Shared Services Discount Calculation:

Location:	SLD Discount for District:
Boston Public Library--Copley Square	90%
Adams Street Branch	90%
Brighton Branch	90%
Charlestown Branch	90%
Codman Square Branch	90%
Connolly Branch	90%
Dudley Branch	90%
East Boston Branch	90%
Egleston Square Branch	90%
Faneuil Branch	90%
Fields Corner Branch	90%
Grove Hall Branch	90%
Hyde Park Branch	90%
Jamaica Plain Branch	90%
Lower Mills Branch	90%
Mattapan Branch	90%
North End Branch	90%
Orient Heights Branch	90%
Parker Hill Branch	90%
Roslindale Branch	90%
South Boston Branch	90%
South End Branch	90%
Uphams Corner Branch	90%
Washington Village Branch	90%
West End Branch	90%
West Roxbury Branch	90%
Norwood Service Branch	90%
Kirstein Branch	90%
Mobile Library Services	90%

Average Discount: 90%

(29 x 90%)

29

Contact Person's Name Patrick Cafferty and Phone Number: (617) 530-5400 Ext. 398

Block 5: Services Ordered

15. "Shared" services: All EXCEPT site-specific, internal connections and dedicated ("private line") connections from only one school or library to an ISP or other end-user.

(1)	(2)	CONTRACT			(6)	(7)	Amount		(10)	(11)
		(3)	(4)	(5)			(8)	(9)		
SLC Service Provider Number or Full Legal Name of Service Provider	Universal Service Control Number for Form 470 on which this is based	Contract Number (if applicable)	Award Date	Expiration Date	Services or Products	Service Start Date	Estimated One Time Pre-discount Cost	Estimated Monthly Pre-discount Cost	Estimated Total Annual Prediscount Cost	Percentage Discount (from Item 14)
143004778 Retro-Fit, Inc.	687880000142 982				Telecommunication Services					
					Internet Access					
			07/09/97	07/09/01	Internal Connections (Shared)	07/01/1999	\$676,607.00		\$676,607.00	90%
143004778 Retro-Fit, Inc.	687880000142 982				Telecommunication Services					
					Internet Access					
			07/09/97	07/09/01	Internal Connections (Shared)	07/01/1999		\$15,693.33	\$188,320.00	90%
143016523 Balco	687880000142 982				Telecommunication Services					
					Internet Access					
		C1944-99	1/1/1999	6/30/01	Internal Connections (Shared)	07/01/1999		\$15052.27	\$180,627.20	90%

Contact Person's Name Patrick Cafferty and Phone Number: (617) 536-5400 Ext. 398

16. "Site Specific" Services: Internal connections not shared by multiple schools or libraries and dedicated ("private line") connections from only one school or library to an ISP or other end-user.

(1)	(2)	CONTRACT			(6)	(7)	Amount (See instructions about rounding)			(11)	(12)
		(3)	(4)	(5)			(8)	(9)	(10)		
SLC Number of Service Provider (Obtain from Service Provider)	Universal Service Control Number for Form 470 on which this is based	Contract Number (if applicable)	Award Date	Expiration Date	Services or Products	Service Start Date	Estimated One Time Pre-discount Cost	Estimated Monthly Pre-discount Cost	Estimated Total Annual Pre-discount Cost	Percentage Discount (from Item 14)	School or Library Code (Listed on website)
143004778					Dedicated Services						
	68788000014 2982 Bri		07/09/97	07/09/01	Internal Connections	07/01/99	\$10,653.00		\$10,653.00	90%	
143004778					Dedicated Services						
	68788000014 2982 WRo		07/09/97	07/09/01	Internal Connections	07/01/99	\$10,653.00		\$10,653.00	90%	
					Dedicated Services						
					Internal Connections						
					Dedicated Services						
					Internal Connections						
					Dedicated Services						
					Internal Connections						

Contact Name Patrick Cafferty _____

Contact Telephone Number (617) 536-55400 ext 398 _____

Schools and Libraries Universal Service Program Form 471 Pre-Discount Cost Calculation Optional Grid

Please read instructions before completing

(To be completed by Schools, Libraries, or Consortia)

Block A: General Information	
1. Name of Applicant Boston Public Library / Metro Boston Library Network	2. Universal Service Control Number (from 470 Application) 687880000142982
3a. SLC Service Provider Number (SPIN) if known, and Full Legal Name of your Service Provider 143004778 Retro-Fit, Inc.	3b. Contract or Tariff Number (If Applicable -- from Item 15-16)
4. Shared Services: Telecommunications Services <input type="checkbox"/> Internal Connections <input checked="" type="checkbox"/> Internet Access <input type="checkbox"/>	Site Specific Services: Internal Connections <input type="checkbox"/> Dedicated Services <input type="checkbox"/> 5. Average Discount Rate for Entities Receiving Services Listed Below in Block B (Per Column 11 of Items 15 or 16) 90%

Block B: Services Ordered Information													
6. Services & Products Ordered Details													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Account Information	Service Description	Quantity	One-Time Charges	One-Time Taxes and Surcharges	Unit Monthly Charges	Unit Monthly Taxes and Surcharges	Number of Months	Annual Amount of Monthly Charges	% Eligible Services and/or % Eligible Uses	% of Service / Pro	Estimated Eligible Pre-Discount One-Time Charges	Total Annual Amount of Estimated Eligible Pre-Discount Monthly	Estimated Eligible Pre-Discount Total Charges
a.	Existin Network Maintenance				\$10,960.42		12	\$131,525.00	100	0	\$0.00	\$131,525.00	\$131,525.00
b.	Network Operating System				\$416.25		12	\$4,995.00				\$4,995.00	\$4,995.00
c.	Voice Compression				\$1,550.00		12	\$18,600.00				\$18,600.00	\$18,600.00
d.	Citrix Servers & Lan Infrastructure				\$1,233.33		12	\$14,800.00				\$14,800.00	\$14,800.00
e.	CD Server				\$600.00		12	\$7,200.00				\$7,200.00	\$7,200.00
f.	Internet				\$266.67		12	\$3,200.00				\$3,200.00	\$3,200.00
g.	Branch Servers				\$666.67		12	\$8,000.00				\$8,000.00	\$8,000.00
7. Total			\$0.00		\$15,693.34		12	\$188,320.00	100	0		\$188,320.00	\$188,320.00

Attach this grid to your Form 471 application to support Block 5, Items 15 & 16 Columns 8-10 and Item 17.

Contact Name Patrick Cafferty _____

Contact Telephone Number (617) 536-55400 ext 398 _____

**Schools and Libraries Universal Service Program
Form 471 Pre-Discount Cost Calculation Optional Grid**

Please read instructions before completing

(To be completed by Schools, Libraries, or Consortia)

Block A: General Information	
1. Name of Applicant Boston Public Library / Metro Boston Library Network	2. Universal Service Control Number (from 470 Application) 68788000142982
3a. SLC Service Provider Number (SPIN) if known, and Full Legal Name of your Service Provider 143004778 Retro-Fit, Inc.	3b. Contract or Tariff Number (If Applicable – from Item 15-16)
4. Shared Services: Telecommunications Services <input type="checkbox"/> Internal Connections <input checked="" type="checkbox"/> Internet Access <input type="checkbox"/>	Site Specific Services: Internal Connections <input type="checkbox"/> Dedicated Services <input type="checkbox"/> 5. Average Discount Rate for Entities Receiving Services Listed Below in Block B (Per Column 11 of Items 15 or 16) <p align="center">90%</p>

Block B: Services Ordered Information													
6. Services & Products Ordered Details													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Account Information	Service Description	Quantity	One-Time Charges	One-Time Taxes and Surcharges	Unit Monthly Charges	Unit Monthly Taxes and Surcharges	Number of Months	Annual Amount of Monthly Charges	% Eligible Services and/or % Eligible Uses	% of Service/Product Used w/ Eligible Entities	Estimated Eligible Pre-Discount One-Time Charges	Total Annual Amount of Estimated Eligible Pre-Discount Monthly Charges	Estimated Eligible Pre-Discount Total Charges
a.	Budgetary T1 Voice Mod.	1	\$310,000.00						100	0	\$0.00	\$310,000.00	\$310,000.00
b.	Cisco 7200 8 Port Serial	3	\$42,000.00									\$42,000.00	\$42,000.00
c.	Budgetary for Host Site	6	\$60,000.00									\$60,000.00	\$60,000.00
d.	Cisco 7200 8 Port Serial	1	\$40,000.00									\$40,000.00	\$40,000.00
e.	Installation	1	\$38,000.00									\$38,000.00	\$38,000.00
f.													
g.													
7. Total			\$490,000.00						100	0		\$490,000.00	\$490,000.00

Attach this grid to your Form 471 application to support Block 5, Items 15 & 16 Columns 8-10 and Item 17.

Contact Name Patrick Cafferty _____

Contact Telephone Number (617) 536-55400 ext 398 _____

Schools and Libraries Universal Service Program Form 471 Pre-Discount Cost Calculation Optional Grid

Please read instructions before completing

(To be completed by Schools, Libraries, or Consortia)

Block A: General Information	
1. Name of Applicant Boston Public Library / Metro Boston Library Network	2. Universal Service Control Number (from 470 Application) 687880000142982
3a. SLC Service Provider Number (SPIN) if known, and Full Legal Name of your Service Provider 143004778 Retro-Fit, Inc.	3b. Contract or Tariff Number (If Applicable -- from Item 15-16)
4. Shared Services: Telecommunications Services <input type="checkbox"/> Internal Connections <input type="checkbox"/> Internet Access <input type="checkbox"/>	Site Specific Services: Internal Connections <input type="checkbox"/> Dedicated Services <input type="checkbox"/> 5. Average Discount Rate for Entities Receiving Services Listed Below in Block B (Per Column 11 of Items 15 or 16) <div style="text-align: right; margin-top: 10px;">90%</div>

Block B: Services Ordered Information													
6. Services & Products Ordered Details													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Account Information	Service Description	Quantity	One-Time Charges	One-Time Taxes and Surcharges	Unit Monthly Charges	Unit Monthly Taxes and Surcharges	Number of Months	Annual Amount of Monthly Charges	% Eligible Services and/or % Eligible Uses	% of Service/Product Used w/ Eligible Entities	Estimated Eligible Pre-Discount One-Time Charges	Total Annual Amount of Estimated Eligible Pre-Discount Monthly Charges	Estimated Eligible Pre-Discount Total Charges
a.	Catalyst 6590 48/100MbSwitch	1	\$52,983.00				1		100	0	\$0.00	\$52,983.00	\$52,983.00
b.	Catalyst 2948 48 Port 10/100 Eth Swit	4	\$37,784.00									\$37,784.00	\$37,784.00
c.	24 Port 10/100TX Backbone	4	\$17,984.00									\$17,984.00	\$17,984.00
d.	Misc. Cabels	1	\$1,000.00									\$1,000.00	\$1,000.00
e.	Installation	1	\$9,000.00									\$9,000.00	\$9,000.00
f.													
g.													
7. Total			\$118,751.00						100	0		\$118,751.00	\$118,751.00

Attach this grid to your Form 471 application to support Block 5, Items 15 & 16 Columns 8-10 and Item 17.

Contact Name Patrick Cafferty _____

Contact Telephone Number (617) 536-55400 ext 398 _____

Schools and Libraries Universal Service Program Form 471 Pre-Discount Cost Calculation Optional Grid

Please read instructions before completing

(To be completed by Schools, Libraries, or Consortia)

Block A: General Information	
1. Name of Applicant Boston Public Library / Metro Boston Library Network	2. Universal Service Control Number (from 470 Application) 68788000142982
3a. SLC Service Provider Number (SPIN) if known, and Full Legal Name of your Service Provider 143004778 Retro-Fit, Inc.	3b. Contract or Tariff Number (If Applicable -- from Item 15-16)
4. Shared Services: Telecommunications Services <input type="checkbox"/> Internal Connections <input checked="" type="checkbox"/> Internet Access <input type="checkbox"/>	Site Specific Services: Internal Connections <input type="checkbox"/> Dedicated Services <input type="checkbox"/>
5. Average Discount Rate for Entities Receiving Services Listed Below in Block B (Per Column 11 of Items 15 or 16) <p style="text-align: right;">90%</p>	

Block B: Services Ordered Information													
6. Services & Products Ordered Details													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Account Information	Service Description	Quantity	One-Time Charges	One-Time Taxes and Surcharges	Unit Monthly Charges	Unit Monthly Taxes and Surcharges	Number of Months	Annual Amount of Monthly Charges	% Eligible Services and/or % Eligible Uses	% of Service/Product Used w/ Eligible Entities	Estimated Eligible Pre-Discount One-Time Charges	Total Annual Amount of Estimated Eligible Pre-Discount Monthly Charges	Estimated Eligible Pre-Discount Total Charges
a.	Cisco 3640 Modular Router 210 MB ETH., 1100 MB Port, IP SW, 64 MB Flash, Red Power Supply,	1	\$19,850.00			109	676607		100	0	\$0.00	\$19,850.00	\$19,850.00
						AP	630925						
							45682 =	22200	100	100			
b.	Internet Server	1	\$22,200.00					21300	100	100		\$22,200.00	\$22,200.00
c.	Installation	1	\$4,500.00					2176	100	100		\$4,500.00	\$4,500.00
							45682						
7. Total			\$46,550.00						100	0		\$46,550.00	\$46,550.00

Attach this grid to your Form 471 application to support Block 5, Items 15 & 16 Columns 8-10 and Item 17.

Contact Name Patrick Cafferty _____

Contact Telephone Number (617) 536-55400 ext 398 _____

Schools and Libraries Universal Service Program Form 471 Pre-Discount Cost Calculation Optional Grid

Please read instructions before completing

(To be completed by Schools, Libraries, or Consortia)

Block A: General Information

<p>1. Name of Applicant Boston Public Library / Metro Boston Library Network</p>	<p>2. Universal Service Control Number (from 470 Application) 687880000142982</p>
<p>3a. SLC Service Provider Number (SPIN) if known, and Full Legal Name of your Service Provider 143004778 Retro-Fit, Inc.</p>	<p>3b. Contract or Tariff Number (If Applicable -- from Item 15-16)</p>
<p>4. Shared Services: Site Specific Services:</p> <p>Telecommunications Services <input type="checkbox"/> Internal Connections <input type="checkbox"/></p> <p>Internal Connections <input checked="" type="checkbox"/> Dedicated Services <input type="checkbox"/></p> <p>Internet Access <input type="checkbox"/></p>	<p>5. Average Discount Rate for Entities Receiving Services Listed Below in Block B (Per Column 11 of Items 15 or 16)</p> <p style="text-align: right;">90%</p>

Block B: Services Ordered Information

6. Services & Products Ordered Details													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Account Information	Service Description	Quantity	One-Time Charges	One-Time Taxes and Surcharges	Unit Monthly Charges	Unit Monthly Taxes and Surcharges	Number of Months	Annual Amount of Monthly Charges	% Eligible Services and/or % Eligible Uses	% of Service/Product Used w/ Eligible Entities	Estimated Eligible Pre-Discount One-Time Charges	Total Annual Amount of Estimated Eligible Pre-Discount Monthly Charges	Estimated Eligible Pre-Discount Total Charges
a. <input checked="" type="checkbox"/>	Compaq Proliant 3000 server	2	\$9,508.20						100	0	\$0.00	\$21,306.00	\$21,306.00
b. <input checked="" type="checkbox"/>	Comp cache, 2nd Processor	2	\$1,749.00										
c. <input checked="" type="checkbox"/>	4.3 GB Pluggable Hard Drives	8	\$3,775.20										
d. <input checked="" type="checkbox"/>	SCSI Cont, Duplexing HT cage	2	\$1,348.60										
e. <input checked="" type="checkbox"/>	15 in Monitor, 12/24 GB Tape Dr	2	\$2,472.80										
f. <input checked="" type="checkbox"/>	4.3 GB Proliant Fast SCSI-2	2	\$1,567.42										
g. <input checked="" type="checkbox"/>	Installation	1	\$885.00										
7. Total			\$21,306.22						100	0		\$21,306.00	\$21,306.00

Attach this grid to your Form 471 application to support Block 5, Items 15 & 16 Columns 8-10 and Item 17.

Contact Name Patrick Cafferty _____

Contact Telephone Number (617) 536-55400 ext 398 _____

Schools and Libraries Universal Service Program Form 471 Pre-Discount Cost Calculation Optional Grid

Please read instructions before completing

(To be completed by Schools, Libraries, or Consortia)

Block A: General Information	
1. Name of Applicant Boston Public Library / Metro Boston Library Network	2. Universal Service Control Number (from 470 Application) 687880000142982
3a. SLC Service Provider Number (SPIN) if known, and Full Legal Name of your Service Provider 143016523 Balco	3b. Contract or Tariff Number (If Applicable -- from Item 15-16)
4. Shared Services: Telecommunications Services <input type="checkbox"/> Internal Connections <input checked="" type="checkbox"/> Internet Access <input type="checkbox"/>	Site Specific Services: Internal Connections <input type="checkbox"/> Dedicated Services <input type="checkbox"/> 5. Average Discount Rate for Entities Receiving Services Listed Below in Block B (Per Column 11 of Items 15 or 16) <div style="text-align: right; margin-top: 10px;">90%</div>

Block B: Services Ordered Information													
6. Services & Products Ordered Details													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Account Information	Service Description	Quantity	One-Time Charges	One-Time Taxes and Surcharges	Unit Monthly Charges	Unit Monthly Taxes and Surcharges	Number of Months	Annual Amount of Monthly Charges	% Eligible Services and/or % Eligible Uses	% of Service/Product Used w/ Eligible Entities	Estimated Eligible Pre-Discount One-Time Charges	Total Annual Amount of Estimated Eligible Pre-Discount Monthly Charges	Estimated Eligible Pre-Discount Total Charges
a.	Telecommunication Specialist	2			\$7,526.13				100	0	\$0.00	\$180,627.20	\$180,627.20
b.													
c.													
d.													
e.													
f.													
g.													
7. Total		2	\$0.00		\$7,526.13				100	0	\$180,627.20	\$180,627.20	

Attach this grid to your Form 471 application to support Block 5, Items 15 & 16 Columns 8-10 and Item 17.

Contact Person's Name Patrick Cafferty and Phone Number: (617) 536-5400 Ext. 398

17. Check this box to confirm that, for each service provider listed in 15 and 16, above, a list is attached (as an appendix to this form) of all of the services that each service provider is providing to the billed entity. Service providers should provide these lists on request.

18. a. Total dollars of support allocated for this application for the entire funding year (calculated by administrator)

b. Amount of support set aside for this application for the first six months of the year (calculated by administrator)

19. Provide the total estimated cost (pre-discount price) for the services you expect to order in the funding year following the one for which you are applying here. (This figure is not binding.) \$300,000.00

20. Is your order solely for basic telephone service? Yes No

Block 6: Certifications and Signature

21. The applicant is eligible for support because it includes: (Check one or both.)

- a. schools under the statutory definitions of elementary and secondary schools found in the Elementary and Secondary Education Act of 1965, 20 U.S.C. Secs. 8801(14) and (25), that do not operate as for-profit businesses and do not have endowments exceeding \$50 million; and/or
- b. libraries or library consortia eligible for assistance from a state library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools', including, but not limited to, elementary and secondary schools, colleges, or universities.

22. The school(s) or library(ies) I represent have secured access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to make effective use of the services purchased as well as to pay the discounted charges for eligible services.

23. All of the individual schools, libraries, and library consortia listed above in items 15 and 16 are covered by:

- a. an individual; and/or
- b. higher-level technology plan(s) for using the services requested in this application (if those services consist of other than voice services).

24. Status of technology plans (check one):

- a. Technology plan(s) has/have been approved; or
- b. Technology plan(s) will be approved by a state or other authorized body; or
- c. Technology plan(s) will be submitted to Schools and Libraries Corporation for approval.

25. I certify that the entities eligible for support that I am representing have complied with all applicable state and local laws regarding procurements of services for which support is being sought.

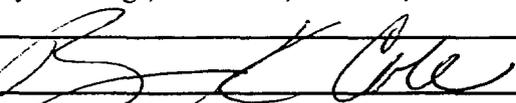
26. I certify that the services the applicant purchases at discounts provided by 47 U.S.C. Sec. 254 will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value.

27. I understand 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.

28. I recognize that I may be audited pursuant to this application and will retain for five years any and all worksheets and other records that I rely upon to fill out this application.

29. I certify that I am authorized to submit this request on behalf of the above-named institution, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

30. Signature



31. Date

4/2/99

32. Printed name of authorized person Bruce Cole

33. Title or position of authorized person Chief Financial Officer

Persons willfully making false statements on this form can be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. Secs. 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. Sec. 1001.

Contact Person's Name Patrick Cafferty and Phone Number: (617) 536-5400 Ext. 398

NOTICE TO INDIVIDUALS: Section 54.504 of the Federal Communication 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. 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. All schools and libraries planning to order services eligible for universal service discounts must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the personal 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 of potential violation of a FCC 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.

If you owe a past due debt to the federal government, the taxpayer identification number (such as your social security number) and other 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 this information to these agencies through the matching of computer records when authorized.

With the exception of your social security number, 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.

The foregoing Notice is required by the Privacy Act of 1974, Pub. L. No. 93-579, December 31, 1974, 5 U.S.C. § 552, and the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, *et seq.*

Public reporting burden for this collection of information is estimated to average 6 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, D.C. 20554..

This form should be submitted to:

**SLC-Form 471
P.O. Box 7026
Lawrence, Kansas 66044-7026
1-888-203-8100**

If sent by express delivery services or U.S. Postal Service, Return Receipt Requested, the form should be mailed to:

**SLC-Form 471
c/o Ms. Smith
3833 Greenway Drive
Lawrence, Kansas 66046
1-888-203-8100**