

Entity Number 122871 Applicant's Form Identifier PPS-2004  
 Contact Person RALPH BARCA Contact Telephone Number (973) 321-0909

**Block 2: Summary Description of Needs or Services Requested (Continued)**

9 Internet Access Item 9, page 1 of 1

*Do you have a Request for Proposal (RFP) that specifies the services you are seeking?*

a YES, I have an RFP. It is available on the Web at:

or via (check one)

the Contact Person in Item 6 or

the contact listed in Item 11.

b  NO, I do not have an RFP for these services.

*If you answered NO, you must list below the Internet Access services you seek. Specify each service or function (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internet Access services. Add additional pages if needed.*

Service or Function

I N T E R N E T A C C E S S

1) Quantity and/or Capacity

5 0 S C H O O L S

Service or Function

B R O A D B A N D I N T E R N E T A C C E S S

2) Quantity and/or Capacity

5 0 S C H O O L S

Service or Function

W I R E L E S S I N T E R N E T A C C E S S

3) Quantity and/or Capacity

5 0 S C H O O L S

Service or Function

4) Quantity and/or Capacity

Service or Function

5) Quantity and/or Capacity



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Block 2: Summary Description of Needs or Services Requested (Continued)

10 Internal Connections Item 10, page 1 of 8

Do you have a Request for Proposal (RFP) that specifies the services you are seeking?

a YES, I have an RFP. It is available on the Web at:

or via (check one)

the Contact Person in Item 6 or

the contact listed in Item 11.

b  NO, I do not have an RFP for these services.

If you answered NO, you must list below the Internal Connections services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kps or better). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internal Connections services. Add additional pages if needed.

Service or Function

A C C E S S P O I N T

1) Quantity and/or Capacity

5 0

Service or Function

B A T T E R Y B A C K U P

2) Quantity and/or Capacity

5 0

Service or Function

C A B I N E T S

3) Quantity and/or Capacity

F O R S E R V E R S 1 0

Service or Function

C L I E N T A C C E S S L I C E N S E S

4) Quantity and/or Capacity

1 0 , 0 0 0

Service or Function

C O D E C / V I D E O E N C O D E R

5) Quantity and/or Capacity

1 0



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**Block 2: Summary Description of Needs or Services Requested (Continued)**

**10 Internal Connections** Item 10, page **2** of **8**

*Do you have a Request for Proposal (RFP) that specifies the services you are seeking?*

**a** YES, I have an RFP. It is available on the Web at:

or via (check one)

the Contact Person in Item 6 or

the contact listed in Item 11.

**b**  NO, I do not have an RFP for these services.

*If you answered NO, you must list below the Internal Connections services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kps or better). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internal Connections services. Add additional pages if needed.*

Service or Function

C O M M U N I C A T I O N S S E R V E R

1)

Quantity and/or Capacity

L A N & C O N N E C T I N G 1 0 , 0 0 0 U S E R S

Service or Function

C O N D U I T / R A C E W A Y

2)

Quantity and/or Capacity

5 0 B U I L D I N G S

Service or Function

C O N N E C T O R

3)

Quantity and/or Capacity

5 0 S C H O O L S

Service or Function

D O C U M E N T A T I O N

4)

Quantity and/or Capacity

5 0 S C H O O L S

Service or Function

E D G E D E V I C E

5)

Quantity and/or Capacity

5 0 S C H O O L S



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Block 2: Summary Description of Needs or Services Requested (Continued)

10 Internal Connections Item 10, page 3 of 8

Do you have a Request for Proposal (RFP) that specifies the services you are seeking?

a YES, I have an RFP. It is available on the Web at:

or via (check one)

the Contact Person in Item 6 or

the contact listed in Item 11.

b  NO, I do not have an RFP for these services.

If you answered NO, you must list below the Internal Connections services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kps or better). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internal Connections services. Add additional pages if needed.

Service or Function

F I L E S E R V E R

1) Quantity and/or Capacity

5 0

Service or Function

H U B

2) Quantity and/or Capacity

5 0 S C H O O L S

Service or Function

L O C A L A R E A N E T W O R K ( L A N )

3) Quantity and/or Capacity

L A N / 2 5 0 R M S C O N N E C T I N G 1 0 0 0 U S E R S

Service or Function

M A I N T E N A N C E A N D T E C H N I C A L S U P P O R T

4) Quantity and/or Capacity

D I S T R I C T W I D E

Service or Function

P O W E R P O L E S

5) Quantity and/or Capacity

1 0 0



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**Block 2: Summary Description of Needs or Services Requested (Continued)**

**10 Internal Connections** Item 10, page **4** of **8**

*Do you have a Request for Proposal (RFP) that specifies the services you are seeking?*

**a** YES, I have an RFP. It is available on the Web at:

or via (check one)

the Contact Person in Item 6 or

the contact listed in Item 11.

**b**  NO, I do not have an RFP for these services.

**If you answered NO, you must list below the Internal Connections services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kps or better). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internal Connections services. Add additional pages if needed.**

Service or Function

P B X ( W I R E D & W I R E L E S S )

1) Quantity and/or Capacity

5 L O C A T I O N S & 2 5 0 R O O M S

Service or Function

R A C K S

2) Quantity and/or Capacity

3 S C H O O L S

Service or Function

R A I D

3) Quantity and/or Capacity

2 8 S E R V E R S

Service or Function

R O U T E R S

4) Quantity and/or Capacity

2 R O U T E R S C O N N E C T 2 5 0 0 0 U S E R S

Service or Function

S O F T W A R E

5) Quantity and/or Capacity

2 8 S E R V E R S F O R O P S S O F T W A R E F O R 2



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**Block 2: Summary Description of Needs or Services Requested (Continued)**

**10 Internal Connections** Item 10, page **6** of **8**

*Do you have a Request for Proposal (RFP) that specifies the services you are seeking?*

a  YES, I have an RFP. It is available on the Web at:

or via (check one)

the Contact Person in Item 6 or

the contact listed in Item 11.

b  NO, I do not have an RFP for these services.

If you answered NO, you must list below the Internal Connections services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kps or better). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internal Connections services. Add additional pages if needed.

Service or Function

W I R I N G , I N T E R N A L

1)

Quantity and/or Capacity

L A N / 1 0 0 0 C O M P U T E R S

Service or Function

W I R E L E S S L O C A L A R E A N E T W O R K

2)

Quantity and/or Capacity

D I S T R I C T W I D E

Service or Function

C H A N G E F E E S

3)

Quantity and/or Capacity

D I S T R I C T W I D E

Service or Function

C O N F I G U R A T I O N C H A R G E S

4)

Quantity and/or Capacity

D I S T R I C T W I D E

Service or Function

E X T E N D E D W A R R A N T Y

5)

Quantity and/or Capacity

I N T E R N E T S E R V E R S



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**Block 2: Summary Description of Needs or Services Requested (Continued)**

**10 Internal Connections** Item 10, page **7** of **8**

*Do you have a Request for Proposal (RFP) that specifies the services you are seeking?*

**a** YES, I have an RFP. It is available on the Web at:

or via (check one)  
 the Contact Person in Item 6 or the contact listed in Item 11.

**b**  NO, I do not have an RFP for these services.  
 If you answered NO, you must list below the Internal Connections services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kps or better). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internal Connections services. Add additional pages if needed.

Service or Function  
 F R E I G H T A S S U R A N C E F E E S

1) Quantity and/or Capacity  
 D I S T R I C T W I D E

Service or Function  
 L E A S I A N G F E E S

2) Quantity and/or Capacity  
 D I S T R I C T W I D E

Service or Function  
 P E R D I E M

3) Quantity and/or Capacity  
 D I S T R I C T W I D E

Service or Function  
 S H I P P I N G C H A R G E S

4) Quantity and/or Capacity  
 D I S T R I C T W I D E

Service or Function  
 T E C H N I C A L S E R V I C E S

5) Quantity and/or Capacity  
 S E R V E R S & L A N E Q U I P M E N T



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**Block 2: Summary Description of Needs or Services Requested (Continued)**

**10 Internal Connections** Item 10, page **8** of **8**

*Do you have a Request for Proposal (RFP) that specifies the services you are seeking?*

**a** YES, I have an RFP. It is available on the Web at:

or via (check one)

the Contact Person in Item 6 or

the contact listed in Item 11.

**b**  NO, I do not have an RFP for these services.

If you answered NO, you must list below the Internal Connections services you seek. Specify each service or function (e.g., local area network) and quantity and/or capacity (e.g., connecting 10 rooms and 300 computers at 56kps or better). See the Eligible Services List at [www.sl.universalservice.org](http://www.sl.universalservice.org) for examples of eligible Internal Connections services. Add additional pages if needed.

Service or Function

T R A V E L T I M E

1) Quantity and/or Capacity

D I S T R I C T W I D E

Service or Function

2) Quantity and/or Capacity

Service or Function

3) Quantity and/or Capacity

Service or Function

4) Quantity and/or Capacity

Service or Function

5) Quantity and/or Capacity



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**Block 2: Summary Description of Needs or Services Requested (Continued)**

- 11 (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 need not be the contact person listed in Item 6 nor the signer of this form.

Name

R A L P H B A R C A

Title

D I R E C T O R O F T E C H N O L O G Y

Telephone Number

9 7 3 3 2 1 0 9 0 9 <sup>Ext</sup>

Fax Number

9 7 3 3 2 1 0 9 0 1

E-mail Address

e r b a r c a @ p a t e r s o n . k 1 2 . n j . u s

- 12 Check here if there are any restrictions imposed by state or local laws or regulations on how or when providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures, and/or provide a Web address where they are posted and a contact name and telephone number for service providers without Internet access.

- 13 If you intend to enter into a multi-year contract based on this posting or a contract featuring an option for voluntary extensions, you may provide that information below. If you have plans to purchase additional services in future years, or expect to seek new contracts for existing services, summarize below (including the likely timeframes).



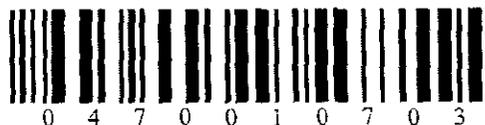
Entity Number 122871 Applicant's Form Identifier PPS-2004  
 Contact Person RALPH BARCA Contact Telephone Number (973) 321-0909

**Block 3: Technology Assessment**

- 14 **Basic telephone service only:** If your application is for basic local and/or long distance telephone service (wireline or wireless) only, check this box and skip to Item 16.
- 15 Although the following services and facilities are ineligible for support, they are usually necessary to make effective use of the eligible services requested in this application. Unless you indicated in Item 14 that your application is ONLY for basic telephone service, you must check at least one box in a through e. You may provide details for purchases being sought.
- Desktop software: Software required
- a.  has been purchased; and/or  is being sought.
- Electrical systems:
- b.  adequate electrical capacity is in place or has already been arranged; and/or  upgrading for electrical capacity is being sought.
- Computers: a sufficient quantity of computers
- c.  has been purchased; and/or  is being sought.
- Computer hardware maintenance: adequate arrangements
- d.  have been made; and/or  are being sought.
- Staff development:
- e.  all staff have had an appropriate level of training/additional training has already been scheduled; and/or  training is being sought.
- f. Additional details: Use this space to provide additional details to help providers to identify the services you desire.

**Block 4: Recipients of Service**

- 16 **Eligible Entities That Will Receive Services:**  
 Check the ONE choice (a, b or c) that best describes this application and the eligible entities that will receive the services described in this application. You will then list in Item 17 the entity/entities that will pay the bills for these services.
- a **Individual school or single-site library.**
- b **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.
- Does your statewide application include INELIGIBLE entities?      No      Yes. If yes, complete item 18.



Entity Number	122871	Applicant's Form Identifier	PPS-2004
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**Block 4: Recipients of Service (Continued)**

16c \* School district, library system, or consortium application to serve multiple eligible entities: Item 16c, page 1 of 1

Number of eligible entities 5 0

*For these eligible entities, please provide the following:*

Area Codes (list each unique area code)	Prefixes associated with each area code (first 3 digits of 7-digit phone number)
1) 9 7 3	2 2 5 2 4 7 2 4 8 2 7 8 2 7 9 3 4 5 3 5 7 3 8 9
2)	
3)	
4)	
5)	
6)	
7)	
8)	
9)	
10)	
11)	
12)	
13)	
14)	

Does your application include any INELIGIBLE entities? No Yes. If yes, complete item 18.



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**Block 4: Recipients of Service (Continued)**

**17 Billed Entities**

List the entity/entities that will be paying the bills directly to the provider for the services requested in this application. These are known as Billed Entities. At least one line of this item must be completed. Attach additional sheets if necessary.

Item 17, page 1 of 1

Entity Number	Entity
1) 1 2 2 8 7 1	P A T E R S O N S C H O O L D I S T R I C T
2)	
3)	
4)	
5)	
6)	
7)	
8)	
9)	
10)	
11)	
12)	
13)	
14)	
15)	
16)	
17)	
18)	
19)	
20)	



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 Contact Person RALPH BARCA Contact Telephone Number (973) 321-0909

**Block 4: Recipients of Service (Continued)**

**18 Ineligible Participating Entities:** Does your application also seek bids on services to entities that are not eligible for the Universal Service Program? If so, list those entities here **Item 18, page 1 of 1**  
 (attach pages if needed):

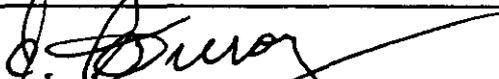
Ineligible Participating Entity	Area Code and Prefix
1)	
2)	
3)	
4)	
5)	
6)	
7)	
8)	
9)	
10)	
11)	
12)	
13)	
14)	
15)	
16)	
17)	
18)	



Entity Number	122871	Applicant's Form Identifier	PPS-2004
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**Block 5: Certification and Signature**

- 19 The applicant includes: (Check one or both.)
- a  schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. Secs. 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 school (including, but not limited to elementary and secondary schools, colleges, and universities).
- 20 All of the individual schools, libraries, and library consortia receiving services under this application are covered by:
- a  individual technology plans for using the services requested in the application; and/or
  - b  higher-level technology plans for using the services requested in the application; or
  - c  no technology plan needed; application requests basic local and/or long distance telephone service only.
- 21 Status of technology plans (if representing multiple entities with mixed technology plan status, check both a and b):
- a  technology plan(s) has/have been approved by a state or other authorized body.
  - b  technology plan(s) will be approved by a state or other authorized body.
  - c  no technology plan needed; application requests basic local and/or long distance telephone service only.
- 22 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.
- 23 I recognize that support under this support mechanism is conditional upon the school(s) or library(ies) I represent securing access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to use the services purchased effectively.
- 24 I certify that I am authorized to submit this request on behalf of the above-named entities, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

25 Signature of authorized person		26 Date	11/12/2003
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27 Printed name of authorized person: D R . E D W I N D U R O Y

28 Title or position of authorized person: S T A T E D I S T R I C T S U P E R I N T E N D E N T

29a Street Address, P.O. Box, or Route Number: 3 3 - 3 5 C H U R C H S T R E E T

City: P A T E R S O N

State: N J      Zip Code: 0 7 5 0 5

29b Telephone number of authorized person: 9 7 3 - 3 2 1 - 0 9 8 0      ext.      29c Fax number of authorized person

29d E-mail address of authorized person

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.

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 "Service Provider Role in Assisting Customers" at [www.sl.universalservice.org/vendor/manual/chapter5.doc](http://www.sl.universalservice.org/vendor/manual/chapter5.doc) or call the Client Service Bureau at 1-888-203-8100.



0 4 7 0 0 1 1 1 0 3

Entity Number 122871 Applicant's Form Identifier PPS-2004

Contact Person RALPH BARCA Contact Telephone Number (973) 321-0909

**Block 5: Certification and Signature (Continued)**

**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 Description of Services Requested and Certification Form (FCC Form 470) 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 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 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. In addition, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 4 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.

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-Form 470  
c/o Ms. Smith  
3833 Greenway Drive  
Lawrence, Kansas 66046  
1-888-203-8100**



Application ID: 639010000467300

## Appendix A

Block 4, Item 16c, page 1, row 1 continuation

Area Code: 973

225, 247, 248, 278, 279, 345, 357, 389, 523, 595, 569, 651, 684, 720, 742, 748, 754, 790, 881, 904,  
925, 928, 942, 956



EV 152901609 US

Customer Copy  
Label 11-F October 2001



UNITED STATES POSTAL SERVICE®

Post Office To Addressee

ORIGIN (POSTAL USE ONLY)			
PO ZIP Code 75104	Day of Delivery <input checked="" type="checkbox"/> First <input type="checkbox"/> Second <input type="checkbox"/>	Flat Rate Envelope <input type="checkbox"/>	
Date In Mo. 11 Day 12 Year 2002	<input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	Postage \$	
Time In 1:52	Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Return Receipt Fee	
<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Weight lbs. 2.025	Int'l Alpha Country Code	COD Fee Insurance Fee
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday <input type="checkbox"/>	Acceptance Clerk Initials PC	Total Postage & Fees \$ 13.65	

DELIVERY (POSTAL USE ONLY)		
Delivery Attempt Mo. Day	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Delivery Attempt Mo. Day	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Delivery Date Mo. Day	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
<input type="checkbox"/> <b>WAIVER OF SIGNATURE</b> (Express Mail Only) Additional merchandise insurance is void if waiver of signature is requested. Postal delivery to be made without obtaining signature of addressee or addressee's agent. (If delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.		
<b>NO DELIVERY</b> <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday		
Customer Signature		

**CUSTOMER USE ONLY**  
METHOD OF PAYMENT:  
Express Mail Corporate Acct. No. X075056

Federal Agency Acct. No. or  
Postal Service Acct. No.

**FROM:** (PLEASE PRINT)  
PHONE (973) 321-0909

ATTN: C/O OF PATERSON PUBLIC SCHOOLS  
3 CHURCH ST  
PATERSON NJ 07650-2306

**TO:** (PLEASE PRINT)  
PHONE ( ) ( ) ( )

SLD-FORM 470  
C/o Ms. Smith  
3833 Greenway Drive  
Lawrence, Kansas 66046



FORM 470-Receipt Notification Letter  
(Funding Year 2004: 07/01/2004--06/30/2005)

November 17, 2003

RALPH BARCA  
PATERSON SCHOOL DISTRICT  
35 CHURCH ST  
PATERSON, NJ 07505-1306

Re: Applicant's Form Identifier: PPS-2004  
Form 470 Application Number: 639010000467300  
Entity Number: 122871  
Date Form 470 Posted: 11/10/2003  
Allowable Vendor Selection/Contract Date: 12/08/2003

Dear RALPH BARCA:

This letter is to notify you that the Schools and Libraries Division (SLD) has received your FCC Form 470, "Description of Services Requested and Certification Form," although we have NOT yet received your Block 5 signed certification page, either online or on paper. This letter provides important information about program rules. Please read this letter carefully and retain it for your records and future reference.

The Form 470 Application Number listed above has been assigned by the SLD and will be used to track your Form 470. This number must be provided on each FCC Form 471, "Services Ordered and Certification Form," Block 5 Funding Request that cites this Form 470. Any applicant who relies on this Form 470 will need to know this Form 470 Application Number. You may wish to share this number with those schools and/or libraries featured in this application to assist them in their preparation of the Form 471.

The purpose of the Form 470 is to open a competitive bidding process for the services desired. The Form 470 applicant is responsible for ensuring an open, fair competitive process and selecting the most cost-effective provider of the desired services. The Form 470 must be completed by the entity that will negotiate with potential service providers. A service provider who will participate in the competitive bidding process as a bidder cannot complete it. Please be aware that if a service provider was involved in the preparation or certification of your Form 470, this involvement could taint the competitive bidding process and result in the denial of your funding requests.

If you believe that a service provider was improperly involved in the submission of this Form 470, you should cancel this Form 470 and submit a new one if you wish. To cancel a Form 470, contact the Client Service Bureau by e-mail at [question@universalservice.org](mailto:question@universalservice.org), by fax at 1-888-276-8736 or by phone at 1-888-203-8100 and follow the instructions they provide.

FCC rules require that requests for tariffed or month-to-month services and requests for new contractual services be posted on the SLD web site for a period of at least 28 days before selecting a vendor in order to provide for a competitive bidding process.

State or local laws may require a longer procurement cycle. This 28-day waiting period must occur before you may establish a legally binding agreement between yourself and your service provider. Except for services to be delivered under tariff or month-to-month arrangements, you must have a legally binding agreement with your service provider before you sign and submit your Form 471. This requirement can be met by executing a contract for services, or through another process as allowed by your state law that legally binds you to given services from the selected service provider. Listing a service provider on your Form 471 does NOT create a legally binding agreement. You must be able to demonstrate that you have a legally binding agreement in place at the time that you submitted your Form 471. In addition, if you are seeking support on your Form 470 for the first time for services delivered under a multi-year contract signed on or before July 10, 1997, the SLD cannot process your Form 471 until the 28-day waiting period has elapsed.

You must retain copies of bidding specifications and/or requests for proposals (RFPs), all bids received (both winning and losing) and all contracts with your service provider. You must also maintain documentation of the process and any related analyses leading to the selection of the winning bid(s). You must be able to demonstrate that the bid you chose is the most cost-effective, with price being the primary factor.

You must follow all state and local procurement laws that apply to you. You must also be able to demonstrate compliance with these laws.

Your Form 470 or RFP MUST define the specific services or functions (and quantity and/or capacity) for which funding will be sought. You MUST obtain specific cost information, including prices for products and services to be provided. Failure to adhere to these rules violates the requirement to choose the most cost-effective provider. Remember also that you cannot seek discounts for services in a category of service on the Form 471 if those services in those categories were not indicated on a Form 470.

RFPs or other solicitation methods must be tailored specifically to your needs and circumstances, and based directly on your technology plan. Use of a generic RFP used successfully by another applicant, for example, does not comply with the Commission's competitive bidding requirements. RFPs and competitive bidding processes that are structured to favor one service provider undermine the competitive process.

The "Allowable Vendor Selection/Contract Date" featured above is the earliest date that contracts, or other legally binding agreements, can be executed for all services.

Under FCC rules to become effective with Funding Year 2004, your service provider must offer you the option of requesting discounts on bills, or of paying the bills in full and then receiving reimbursement. We recommend that you include your preferred method for receiving discounts when considering bids and discuss that with your service provider.

In the "Second Report and Order and Further Notice of Proposed Rulemaking" (FCC 03-101), the FCC announced suspension and debarment regulations pertaining to the schools and libraries support mechanism. The Report and Order explains, among other things, the circumstances under which applicants, service providers and other program participants can be suspended and/or debarred from receiving support. This Report and Order is available on the SLD web site. As the FCC provides additional information regarding suspension and debarment, we will provide updated information on the SLD web site. As these determinations are made, a list of suspended and debarred individuals and/or organizations will be posted to the SLD web site.

Complete information about the filing window for the Funding Year 2004 Form 471, including the filing deadline, will be posted to the SLD web site when it becomes available.

It is important to remember that not all requested services will necessarily be approved for discounts. Your Form 471 will be subject to review by the SLD for a determination of funding eligibility before funds are committed. This review will consider all program rules, including eligibility of discount recipients and the eligibility of services for which discounts are requested. In addition, availability of funds will be a factor in funding decisions. Therefore, you should consider the possibility of a denial of funding or a level of funding below your request, and include appropriate contingencies in contracts for any or all of the requested services.

Thank you for your interest in the Schools and Libraries program. If you have any questions, please contact the SLD Client Service Bureau.

Schools and Libraries Division  
Universal Service Administrative Company





AVAYA



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December 29, 2003

Mr. Ralph Barca  
Director-Technology  
Paterson Public Schools  
385-391 Totowa Avenue  
Paterson, NJ 07502

Dear Mr. Barca-

As you know, given the changes in the nature and types of security risks that all institutions (public, private, commercial, etc.) face in today's day and age, the need for reliable/stable voice communication networks has reached an all time high, in short, it is critical that those that need access to dial-tone, have the best chance to access dial-tone in virtually any type of situation. The Paterson Public Schools have made wise investments in Avaya telecommunications solutions over the years, providing your faculty, students, and administrators with the global leader in providing reliable, scalable, dependable telecommunications solutions. Telecommunications technology has evolved at a very rapid pace over the past several years with some of that evolution coming in the form of increased reliability of systems and the ability to spread the core processing power of the Avaya Communications Manager across a large geographically diverse campus such as that of The Paterson Public Schools. Many institutions, public, private, and commercial are now using this evolving technology to enhance the reliability and survivability of their voice networks, in short, they are now taking steps to enhance the chances that they will have dial-tone whenever, wherever it might be needed. Through the process of discovery sessions with you and your staff as well as your Avaya Account Team, the timing seems appropriate for the Paterson Public Schools to consider these same types of voice network enhancements. Included within the package that includes this document, you will also find detailed quotations, that if executed will greatly enhance the chances that the Paterson Public Schools community will have access to world class dial-tone whenever & wherever they need it via the elimination of several items/issues which up until this point could be construed as possible points of failure. The proposed solution details 3 types of survivability enhancements which individually could, quite likely, incrementally harden your network, but collectively could, quite likely, exponentially harden your network. What are the 3 steps that we (Cross and your Avaya Account Team) are recommending?

- 1.) **Server/Processor Separation:** It is now possible to take the processors at the core of your network (those being the Avaya DEFINITY G3R systems deployed at JFK HS, Rosa Parks HS, and East Side HS), and provide each of them with a redundant processor which can be physically separated from the main site. For example, PPS can take the single processor in

place at JFK HS, upgrade it to a dual processor configuration, keeping one processor in place and locating the other primary processor at a physically/geographically diverse location (e.g. an EPN site off of the JFK hub). What this means is that in the event of a significant event at one of your hub sites, there would be some level of failover/survivability built into the network as the "spare" processor would pick up the call processing requirements of that hub site and all of its EPN sites, thereby minimizing the potential impact of a service affecting situation at a hub site, which in today's configuration would very likely jeopardize voice connectivity not only at that HUB site, but also at all of the remote sites that are tied back to the HUB in question. The cost to implement the Server/Processor Separation solution would be as follows:

<b>JFK High School –</b>	<b>\$131,196.32</b>
<b>East-Side High School –</b>	<b>\$180,685.82</b>
<b>Rosa Parks High School –</b>	<b><u>\$86,793.48</u></b>
<b>Server Separation Total</b>	<b>\$398,675.62</b>

Deployment of this solution would also serve/enable several other needs including:

**Migration off of the legacy Avaya DEFINITY G3R server**, on which Avaya has already announced not only the end of sale, but also the end of support dates (end of support potentially coming as early as Nov., 2006 as per the Avaya announcement on the subject matter included within the package containing this correspondence).

**One-Step Audix Recording**, your end users could record conversations by pressing a single button. This feature, which was originally introduced in Avaya Communications Manager 1.3, uses a locally connected AUDIX voice messaging system as the recording device. Only one AUDIX recording is allowed for each call. The button is available for all stations that have administrable feature buttons. As an improvement, this feature will now also work in 2.0 when a remotely networked switch (over DCS or QSIG) is connected to a centralized AUDIX attached to another switch. This feature, coupled with the Malicious Call Trace feature already active on your Avaya systems, could prove in valuable in today's day and age. Our proposal includes the programming of the "One-Step" feature on up to 10 digital handsets per site, please note that availability of a button to program must exist, otherwise users may be forced to give up a previously assigned button.

- 2.) **Local Survivability for Remote Sites**: As you know, in the PPS network as it is currently configured, the possibility exists for a large number of schools and other PPS facilities to lose their voice network connectivity if either service at their serving HUB site is interrupted or if the physical connectivity along the way (fiber optic cabling, point-to-point T-1, or wireless WAN connection) were to become disabled. Since each of the 3 HUB sites provide the brains and call processing power for a large number of remote sites, this could still be construed as a point of failure in what has proven to be a very reliable network, contingency planning allows PPS to mitigate risk and to maintain/enhance that reliable network. Another way to further enhance reliability, survivability would be to enhance the remote sites with some level of local call processing functionality, putting an S8500 series server into each of the remote sites is a way to accomplish this goal. PPS would still have a single homogenous network with the 3 HUB sites providing most of the processing power, but in the event of a disturbance between a

HUB site and one or more of the remote sites that it serves, those remote sites would now be able to maintain most the call processing features and functions to which they have become accustomed until such time as the disturbance/trouble is cleared. The total cost to implement the local survivability option across 53 remote sites would be **\$1,854,686.77**. This solution is entirely scalable providing PPS with the ability to deploy it to as many or as few sites as they would consider critical enough to require this level of survivability.

- 3.) **Modular Messaging –Geographically Diverse Message Stores:** The Intuity Messaging platform currently deployed at The Paterson Public Schools has historically maintained an “uptime” of 99.999%, while that sets a very high bar, there are in fact some risk inherent in the current PPS configuration, not the least of which is a single messaging server in a single location serving a very large, diverse network. The advent of Avaya’s Modular Messaging platform introduces a new level of flexibility/survivability inherent within its core architecture. Specifically, Modular Messaging moves traditional Avaya Messaging into an architecture that has at least one server for message storage and at least one separate server for messaging “applications”, with no requirement for these two servers to be physically located next to one another, needing only a logical connection. While the message storage server would serve as the primary repository for your messages, the application server also maintains some level of message storage in the event that the primary storage server is inaccessible, the net effect being that there is no longer a single point of failure in your messaging network. This solution also provides PPS with the flexibility of making their e-mail server their primary message store regardless of the type of message (e.g. electronic mail, voice message, fax, etc.). The Modular Messaging solution also sets PPS on the path toward Unified Communications applications such as Unified Messaging, Advanced Speech Access, etc. The cost of this solution would be **\$401,242.19**. Please note that Modular Messaging does not support the Intuity interface in its current release, but should in its next planned release currently scheduled for Spring, 2004.

Ultimately, the message that we hope to convey to The Paterson Public Schools is that while you have a very solid, time tested, Avaya network in place, advances in technology have brought about solutions that can be deployed to vastly enhance that network, specifically enhancing survivability and reliability. The solutions proposed were broken out individually for a couple of different reasons, first with the exception of Step 1 needing to proceed Step 2, each of the solutions can be deployed individually and at a rate that PPS deems acceptable, and secondly, we have assigned some level of perceived importance (to Paterson) and have listed the proposed solution in descending order starting with the most important component first.

Please call or email me if there is any way that you feel I can assist you further. You may also want to check out our website at [www.crosstelecom.com](http://www.crosstelecom.com) to find out additional information regarding Cross. I look forward to working with you in the future.

Sincerely,

Greg Washburn  
National Account Manager  
[gwashburn@crosstelecom.com](mailto:gwashburn@crosstelecom.com)





**Paterson Public Schools**  
Department of Technology  
385-391 Totowa Avenue  
Paterson, New Jersey 07502



**Ralph Barca**  
Director of Technology

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February 1, 2004

Greg Washburn  
National Account Manager  
Cross telecom  
905 Raubsville Road  
Easton, PA 18042

Dear Mr. Washburn,

Thank you for providing me with quotations for the purchase of software upgrades for the district's phone system, phone equipment gear for our new schools and analog and digital voice circuit packs and switches.

I have review the proposed quotation and found it to meet the specifications that we discussed.

I understand that Paterson Public Schools is responsible for charges not paid by the SLD. These charges include all non-eligible items and Paterson's portion of eligible items. However, if NO SLD funding is awarded for the items in your quotation or the customer decides not to pursue the agreement/project, this agreement may be *cancelled* by prompt written notice to the vendor with no termination liability.

Professionally,

Ralph Barca  
Director of Technology  
Paterson Public Schools

**"All Children Can Learn"**