

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:

If your statewide application includes INELIGIBLE entities, check here. If checked, complete Item 18.

c. School district, library system, or consortium application to serve multiple eligible entities:

Number of eligible sites	105
<i>For these eligible sites, please provide the following</i>	
Area Codes (list each unique area code)	Prefixes associated with each area code (first 3 digits of phone number) separate with commas, leave no spaces
503	201, 229, 250, 260, 307, 310, 312, 313, 314, 318, <input type="checkbox"/>
971	219, 221, 235, 275, 404, 409, 645 <input type="checkbox"/>
If your application includes INELIGIBLE entities, check here. <input type="checkbox"/> If checked, complete Item 18.	

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.

Entity	Entity Number
PORTLAND PUBLIC SCHOOLS	144908

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 (attach pages if needed):

Ineligible Participating Entity	Area Code	Prefix

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 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 (mm/dd/yyyy): **01/18/2005**

27. Printed name of authorized person: **SCOTT R. ROBINSON**

28. Title or position of authorized person: **CHIEF TECHNOLOGY OFFICER**

29a. Address of authorized person: **501 N DIXON ST**
 City: **PORTLAND** State: **OR** Zip: **97227-1804**

29b. Telephone number of authorized person: **(503) 916 - 3499**

29c. Fax number of authorized person: **(503) 9163162**

29d. E-mail address number of authorized person: **SCOTT.ROBINSON@PPS.K12.OR.US**

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 or call the Client Service Bureau at 1-888-203-8100.

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**

FCC Form 470
May 2003

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SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide 1.5Mbps T-1 data service to 42 sites.

REQUIREMENT DETAIL

1. Provide T-1 service at 1.5 Mbps to 42 schools. T1's will terminate at the Portland Public Schools administration building.
2. Service must include the appropriate NIU or demarc equipment.

TECHNICAL DETAILS

1. Billing and cost estimates must be identified by MRC and NRC.
2. Site list available on request.

GUIDELINES FOR SUBMISSION

1. All additional information required in order to quote should be requested as soon as possible.
2. All correspondence related to this submission should be conducted via email. Direct all questions to Steve Hufford at steve.hufford@pps.k12.or.us.
3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

MRC	40%
NRC	30%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide phone conferencing services.

REQUIREMENT DETAIL

1. Provide dial-in telephone conferencing service that provides the following functions and features:
 - a. Toll-free number
 - b. Ability to conference up to 12 participants simultaneously
 - c. Web interface for scheduling and conference set-up
 - d. Technical support available prior to and during conference
 - e. Automated email notification of scheduling and modifications to participants
2. Include pricing structure and pricing details that clearly identify the cost of a phone conference based on conference length and number of participants. Additional flexibility and menu-driven choices in pricing and conference set-up will also be considered in the evaluation.

GUIDELINES FOR SUBMISSION

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EVALUATION CRITERIA

Cost	50%
Pricing Flexibility	20%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide local telephone service to each school site and administrative area.

REQUIREMENT DETAIL

1. Provide up to 1900 Centrex lines or similar service at up to 112 supported sites.
2. Provide service via bundled or unbundled loop configurations.
3. Provide details and costs, including MRC and NRC, for each type of service offered, including:
 - a. Dial tone only
 - b. Voice mail
 - c. Call forwarding
 - d. 900 number blocking
4. Provide cost for conversion from current service to new service.
5. Provide 24/7 technical support
6. Provide 4 hour dispatch support
7. Furnish and install telephone service, and maintain telephone service up to the building telephone switch.
8. Provide additional pricing and information for support of telephone service up to and including the individual loop or punch-down. If building telephone switch configuration and maintenance is quoted, ensure that quote provides separate pricing for provision of telephone service and provision of configuration and maintenance service for building telephone switches.
9. Provide monthly billing with line and number details. All billing should be available electronically.
10. All telephone service should be standardized on a single exchange, preferably the Centrex dial pool currently in use.

TECHNICAL DETAILS

1. Telephone switches – Mitel SX-50, SX-100 and SX-200 switches are currently in use to provide Centrex line to inside loop connection.
2. Telephone cabling – Legacy telephone cabling is Cat. 3 connected to intermediate point with 66 and 110 block connections. Replacement cabling is Cat. 5e.
3. Reliability requirement: 99.99% as measured hourly over 6 months.
4. Configuration: Loop start

GUIDELINES FOR SUBMISSION

1. Ensure that all information required in order to quote has been requested not later than January 23, 2005.
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4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

MRC	40%
NRC	30%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide 100Mbps, 500Mbps and 1Gbps WAN service.

REQUIREMENT DETAIL

1. Provide 1Gbps data service from the Portland Public Schools central administration building to the Pittock building fiber meet-me room, or some portion thereof of the overall connectivity requirement.
2. Provide 100Mbps data service from the Portland Public Schools central administration building to all district school sites.
3. Provide 500Mbps data service from the Portland Public Schools central administration building to the nearest aggregated hub location of the 100Mbps network.
4. Provide 100Mbps data service on a geographically and architecturally separate connection from the Portland Public Schools central administration building to the Multnomah Education Service District administration building.
5. Provide drawings and details that outline core and remote site equipment and design.
6. Provide build-out time frame for each required circuit.
7. Ensure compatibility with existing network infrastructure.
8. Provide 24/7 on-call troubleshooting and repair support with 30 minute response and 2 hour dispatch.

TECHNICAL DETAILS

1. Billing and cost estimates must be identified by MRC and NRC.
2. Site list available on request.

GUIDELINES FOR SUBMISSION

1. All additional information required in order to quote should be requested as soon as possible.
2. All correspondence related to this submission should be conducted via email. Direct all questions to Steve Hufford at steve.hufford@pps.k12.or.us.
3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

MRC	40%
NRC	30%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide pager service for up to 500 users.

REQUIREMENT DETAIL

1. Provide text and alpha-numeric paging service to Portland Public Schools users in the Portland, OR area.
2. Provide the ability to enhance service for national coverage.
3. Service must provide the capability to send text messages via email or the vendor's web site.
4. Quote must provide an MRC and NRC for each type of service and type of equipment offered.

GUIDELINES FOR SUBMISSION

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3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

MRC	40%
NRC	25%
Reliability	25%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide cellular telephone service and equipment.

REQUIREMENT DETAIL

1. Provide cellular telephone service and equipment as required in the Portland, OR metropolitan area that includes one or more of the following services:
 - a. Cellular telephone
 - b. Text/numeric one-way or two-way paging
 - c. Push-to-talk
 - d. Wireless data service
2. Provide coverage details that show that all district sites are in a coverage area that is supported by the quoting vendor without requiring roaming services.
3. Provide a service and pricing plan that enables the selection of additional cellular services. Additional services offered should include at a minimum:
 - a. Cellular service
 - b. Cellular telephone equipment
 - c. Long distance service
 - d. Voice mail
4. Number portability should be provided from existing cellular telephone service.
5. All services and features should be quoted individually whenever possible. Not all requested services are eligible for eRate reimbursement.
6. If quoting a push-to-talk feature, ensure that pricing plan reflects cost break-down for cellular phone use vs push-to-talk use.
7. If quoting a push-to-talk feature, provide pricing for standard phone service and equipment as well as push-to-talk phone service and equipment.
8. Provide trade-in estimate for existing equipment.
9. If quoting text messaging or paging, provide details on email-based or web-based text transmission.

TECHNICAL DETAILS

1. Coverage area – The required high-availability and high signal-strength (greater than 50% of total available signal strength on the quoted equipment) coverage area is roughly bounded by:
 - a. North: Columbia River
 - b. West: Murray Blvd
 - c. East: SE/NE 112th St.

- d. South: SE Sunnyside Rd/SW Hunziker St.
- 2. Site list available on request.

GUIDELINES FOR SUBMISSION

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- 3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
- 4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

Cost	45%
Service Area	25%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide long distance telephone service to each classroom and administrative area.

REQUIREMENT DETAIL

1. Provide a long distance service that is compatible with the currently installed Centrex architecture.
2. Enable long distance blocking service with 24 hours advance notice for block requests.
3. Provide monthly billing with call detail. All billing should be available electronically.
4. Provide implementation plan that includes all cutover costs.

TECHNICAL DETAILS

1. Call detail – All call detail must include at a minimum:
 - a. Number called
 - b. Length of call
 - c. Cost per minute
 - d. Total call cost
 - e. Originating number
2. Electronic billing compatibility requirement – Must be compatible with standard databases, e.g.: Microsoft Access or SQL.

GUIDELINES FOR SUBMISSION

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3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

MRC	40%
NRC	30%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Install data cabling at 45 schools.

REQUIREMENT DETAIL

1. Install data drops at 45 sites in accordance with the list below.
2. Each type of installation should be quoted separately. The types of installations are:
 - a. Cat 5e cabling and data drop installation to support network connectivity
 - b. Cat 5e cabling and data data drop installation to support WAP's
 - c. Fiber drop and cabling installation to support computer labs
3. All installations must be in accordance with Portland Public Schools cabling standards. These standards are available from IT on request.
4. Install fiber and CPE enclosures to create new data closets as required.
5. Provide post-installation warranty information when quoting.
6. If ongoing maintenance of network cable plant is offered, include separately the quote for inside wire maintenance. Inside wire maintenance requirements are available on request.

TECHNICAL DETAILS

1. List of sites and drop quantities required:

CAT5E CABLING AND DATA DROP INSTALLATION TO SUPPORT NETWORK CONNECTIVITY

Site	Number of data drops
Applegate	75
Arieta	75
Ball	75
Beach	100
Binnsmead	125
Boise-Eliot	75
Bridger	75
Chief Joseph	75
Clarendon	75
Clark	75
Creston (not Annex)	75
Faubion	75
George	125
Gregory Heights	100
Grout	75
Hosford	100
Humboldt	100
James John	100
Jefferson Campus	50

Kellogg	125
Kelly	100
Kenton	75
King	75
Lane	100
Lee	50
Lent	75
Madison	300
Marshall Campus	50
Marysville	75
Ockley Green	75
Peninsula	75
Portsmouth	100
Rigler	75
Roosevelt Campus	50
Sabin	75
Scott	75
Sitton	75
Tubman	100
Vernon	75
Vestal	75
Vocational Village	50
Whitaker	50
Whitman	50
Woodlawn	50
Woodmere	75

CAT 5E CABLING AND DATA DROP INSTALLATION TO SUPPORT WAP'S

Applegate	5
Arleta	10
Ball	7
Beach	10
Binnsmead	12
Boise-Eliot	8
Bridger	8
Chief Joseph	8
Clarendon	5
Clark	7
Creston (not Annex)	8
Faubion	6
George	11
Gregory Heights	12
Grout	9
Hosford	9
Humboldt	8
James John	10
Jefferson Campus	40
Kellogg	16
Kelly	8
Kenton	8

King	12
Lane	10
Lee	8
Lent	9
Madison	25
Marshall Campus	24
Marysville	7
Ockley Green	12
Peninsula	8
Portsmouth	16
Rigler	10
Roosevelt Campus	30
Sabin	9
Scott	10
Sitton	10
Tubman	12
Vernon	11
Vestal	12
Vocational Village	6
Whitaker	12
Whitman	8
Woodlawn	15
Woodmere	7

FIBER DROP AND CABLING INSTALLATION TO SUPPORT COMPUTER LABS

Site	Number of data drops
Applegate	4
Arieta	4
Ball	2
Beach	4
Binnsmead	5
Boise-Elliot	4
Bridger	4
Chief Joseph	4
Clarendon	4
Clark	2
Creston (not Annex)	4
Faubion	4
George	4
Gregory Heights	4
Grout	4
Hosford	4
Humboldt	4
James John	2
Jefferson Campus	10
Kellogg	4
Kelly	2

Kenton	4
King	2
Lane	4
Lee	2
Lent	2
Madison	10
Marshall Campus	10
Marysville	4
Ockley Green	4
Peninsula	4
Portsmouth	4
Rigler	4
Roosevelt Campus	10
Sabin	4
Scott	4
Sitton	4
Tubman	4
Vernon	4
Vestal	4
Vocational Village	2
Whitaker	4
Whitman	2
Woodlawn	4
Woodmere	4

GUIDELINES FOR SUBMISSION

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3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
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EVALUATION CRITERIA

Cost	70%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide, install and configure replacement phone switch cards at 102 sites.

REQUIREMENT DETAIL

1. Provide equipment as identified below.
2. Cards must be provided with guarantee or warranty against defect.
3. Quantities required – Up to 100 each per year
4. Installation and configuration of the quoted equipment may optionally include a quote for installation and configuration of the equipment. If installation and configuration is quoted, it must be quoted separately.

TECHNICAL DETAILS

1. Equipment requirement (all equipment is for Mitel SX-20, SX-50 or SX-200 switches):

Description	Part Number
NA SS Line card	9102-010-002-NA
ONS Line card	9104-020-001
CONV Line card	9104-021-001
Bay control card 2	9109-017-001-SA
LS/GS Trunk (6CCT) card	9109-011-001-SA

GUIDELINES FOR SUBMISSION

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EVALUATION CRITERIA

Cost	45%
Installation	25%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide, install and configure 50 servers for Linux Terminal Server Labs in schools.

REQUIREMENT DETAIL

1. Provide equipment as identified below.
2. Provide installation and configuration services for servers and associated network equipment.
3. Provide server and system documentation, including:
 - a. Server build documents
 - b. Architecture and system drawings
 - c. Physical drawings

TECHNICAL DETAILS

1. Equipment requirement (all equipment is HP):
 - 50 – 367007-405 HP Proliant DL360 G4 - SCSI Model
 - 3.4 Ghz/1MB processor
 - 1 GB PC2-3200 DDR2 SDRAM (2x512)
 - NC7782 Dual Port Gigabit
 - 50 – 311143-001 Intel Xeon 3.4 Ghz/1MB Upgrade Kit
 - 50 – 36G44G-4x1 4GB Base Memory
 - 50 – 346914-B21 SA 6i Battery Backed Cache Enabler
 - 100 – 286714-B22 72.8GB Pluggable Ultra320 SCSI 10,000 rpm Universal Hard Drive (1")
 - 2 HDD's per server – Raid 1
 - 50 - 264007-B21 SlimLine DVD-ROM Drive (8x/24x) Option Kit
 - 50 – 364507-B21 1.44MB Floppy Drive
 - 50 - 263825-B21 Proliant Essentials Integrated Lights-Out Advanced Pack
 - 50 – 293048-B21 Redundant Fan Option Kit
 - 50 – 263825-B21 Redundant Power Supply Module
 - 50 – 368169-B21 NC310F PCI=X Gigabit Fiber Server Adapter
 - 50 – 162675-002 24x7, 4 Hr response Onsite coverage 3 yrs

Monitor/Keyboard/KVM

 - 40 – 336044-B21 0x2x16 KVM Cat5 Server console Switch
 - 40 – 221546-001 TFT5600 1U Integrated Monitor/Keyboard Kit
 - 5 – 262587-B21 KVM Cat5 PS/2 Interface adapter (qty 8)
 - 5 – 263474-B22 KVM Cat5 cable – 6' (qty 8)
2. If quoting installation and/or documentation services, ensure that equipment and services are quoted separately.

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EVALUATION CRITERIA

Cost	45%
Installation	25%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide equipment and services to furnish and install equipment racks at 45 sites

REQUIREMENT DETAIL

1. Provide racks and all required ancillary equipment to provide equipment racks that provide the following minimum features:
 - a. Locking front and back door
 - b. Installed ventilation
 - c. 19" wide
 - d. 36" deep
2. Provide seismic mounting and protection in accordance with local regulations, codes and laws.
3. Provide cable and wire management equipment as required.
4. Provide ventilation, power, and other basic requirements as identified in technical specifications.

TECHNICAL DETAILS

1. Reference standard for equipment rack – HP model 10642.

GUIDELINES FOR SUBMISSION

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2. All correspondence related to this submission should be conducted via email. Direct all questions to Steve Hufford at steve.hufford@pps.k12.or.us.
3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

Cost	50%
Design flexibility	20%
Reliability	20%
Prior Experience	10%

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide and install UPS equipment at 45 sites.

REQUIREMENT DETAIL

1. Furnish and install UPS equipment as identified in Attachment (1).
2. If installation is quoted, quote must provide separate equipment and installation cost.
3. Post-installation documentation set will include:
 - a. Network architecture drawings
 - b. Configuration baseline
 - c. Cabling and equipment labeling
4. Installation services must include device configuration and activation.
5. Identify all value-added services that are offered in addition to the provision of procurement and installation services, including power monitoring services.

TECHNICAL DETAILS

1. See Attachment (1) for equipment list.

GUIDELINES FOR SUBMISSION

1. All additional information required in order to quote should be requested as soon as possible.
2. All correspondence related to this submission should be conducted via email. Direct all questions to Steve Hufford at steve.hufford@pps.k12.or.us.
3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

Cost	70%
Reliability	20%
Prior Experience	10%

Attachment 1 - 470 Scope - UPS

Category	Part Number	Description	Qty
UPS replacement	SURTA2000RMXL	APC Smart-UPS RT 2000VA RM 120V Online 6oulet 5-20P	123
UPS replacement	SURTA48RMXLBP	APC Smart-UPS RT 48V RM Battery Pack	123
UPS replacement	AP9619	Smartslot SNMP Mgt Card 10/100 w/ env	123

SCOPE OF WORK AND GUIDELINES FOR SUBMISSION

FCC FORM 470 43010000531034 DATED 06 JAN 05

SERVICE OR FUNCTION SUMMARY

Provide and install wireless access points at 45 sites.

+ CARDS

REQUIREMENT DETAIL

1. Furnish and install wireless access points identified in Attachment (1).
2. If installation is quoted, quote must provide separate equipment and installation cost.
3. Post-installation documentation set will include:
 - a. Network architecture drawings
 - b. Configuration baseline
 - c. Cabling and equipment labeling
4. Installation services must include device configuration and activation
5. Identify all value-added services that are offered in addition to the provision of procurement and installation services, including wireless survey and wireless management tools.

TECHNICAL DETAILS

1. See Attachment (1) for equipment list.

GUIDELINES FOR SUBMISSION

1. All additional information required in order to quote should be requested as soon as possible.
2. All correspondence related to this submission should be conducted via email. Direct all questions to Steve Hufford at steve.hufford@pps.k12.or.us.
3. When submitting quotes, ensure that all documentation is included that requires review or signature by the district. This includes contracts, SLA's, etc.
4. Quotes and bids are due not later than February 11, 2005. You are requested to submit your quote/bid as early as possible.

EVALUATION CRITERIA

Cost	70%
Reliability	20%
Prior Experience	10%

Attachment 1 - 470 Scope - WAP

Category	Part Number	Description	Qty
WAP's at 45 Sites	AIR-AP1220A-A-K9	802.11a AP w/Avail MPCl Slot, Enet Uplink , FCC Cnfg	506
WAP's at 45 Sites	AIR-PWR-CORD-NA	AIR Line Cord North America	506
WAP's at 45 Sites	AIR-PW/RINJ3	Power Injector for 1100, 1130AG, 1200 1230AG Series	506
WAP's at 45 Sites	CON-SNT-AIRAP1AK9	8x5xNBD Svc, 802.11a AP w/Avail MPCl Slot-Enet Uplink	506
WAP's at 45 Sites	AIR-ANT14941	2.4 GHz, 2.2 dBi Dipole Antenna w/ RP-TNC Connect.	1012
WAP's at 45 Sites	AIR-RM20A-A-K9=	802.11a CardBus Radio Mod w/ Dual Int Ant, FCC Cnfg	506
WAP's at 45 Sites	AIR-ANT12012	2.4 GHz, 6.5 dBi Diversity Patch Ant w/RP-TNC Connector	67
WAP's at 45 Sites	AIR-ANT3549	2.4 GHz, 9 dBi Patch Antenna w/ RP-TNC Connector	67
Wireless PCMCIA and PCI cards for eligible sites	AIR-CB20A-A-K9-40	802.11a CardBus Adapt w/Int Ant, FCC Cnfg, 40PK	64