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# Prague Schools RFP

NETWORK SWITCHES, COMPUTING, COPIER AND VOICE OVER IP  
ANDY EVANS, SUPERINTENDENT

Prague Schools is presenting the following RFP for your consideration and bid proposal. You may bid all or part of the RFP as presented. The District does reserve the right to accept, reject, table and all bids or to break the bids apart according to the best interest of the District. The bids are due to the Prague Administration Offices by 2:00 PM on May 29, 2014. The bids will be opened and evaluated by the administrative staff according to the review forms as provided. Please indicate clearly the cost component for each part of the bid process as requested. The District intentions on the bids will be announced on June 14, 2014. The facility will be available for inspection and tour on May 15, 2014 at 9:00 AM with tours to begin at the administration office and on May 21 at 9:00 AM with tours to begin at the administration office. Please schedule a time if you wish to tour the facility through Karen Johnson at (405) 567-4455.

Please remember with each of these areas that we do require to know:

1. The per unit cost
2. Installation cost
3. Update cost of software
4. Service costs
5. Hours on site and off site available in any service agreement
6. The terms of any lease offers, which would include switching, servers, computers, thin clients, etc...
7. Delivery time
8. Any set up fees

Failure to provide complete information will nullify your bid.

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## District Network Equipment

Part 1:

Switches:

- (Quantity 18) 48 Port 10/100/1000BASE-T PoE-Plus Network Switch with 4 1000BASE-X SFP Ports), Stacking Capabilities Are Required for Each Individual IDF.
- Installation and Configuration Required For Switch Implementation Across The District. Please Include VLAN and Segmenting Concepts in your Proposal.
- Please Include Necessary GBICs Required for Fiber Optic Connectivity
- Please Include an Optional Bid for 10GBASE-X Uplink Capable Switches at the Head End of Each Network Rack. Please Ensure That All Switches Beneath 10GB Capable Switch are Stackable with 10GB Switch
- Please Include an Optional Bid for Advanced Warranty Replacement and Software Upgrades.
- Please Include Optional Bid for Network Monitoring Software

Part 1A:

Network Equipment Maintenance Agreement

Please provide the cost for a monthly maintenance agreement with a yearly minimum for per hour services, and the number of hours.

Part 1A:

Network Financing

Please provide the cost for:

1. Outright purchase of the equipment for District Ownership with no financing plan
2. A three year (36 month term) lease-purchase agreement with a \$1.00 buyout
3. A five year (60 month term) lease-purchase agreement with a \$1.00 buyout
4. Completion Timeline from acceptance of bid
5. Cost per unit breakdown and number of units
6. Installation, Service, Training cost description and price

## Part 2: District Network Peripherals

### Firewall:

- Please Provide a Firewall Capable of Handling the current 200MB Internet Connection with the ability to expand to 1 GB while supporting Deep Pack Inspection, WAN Optimization (May Be Separate Appliance or Software for Bandwidth Shaping), Application Intelligence, WAN Acceleration, Gateway Antivirus, Content Filtering, 24 x 7 Support
- Installation and Configuration Required for Firewall Implementation
- Please Include 1 Year, 3 Year, and 5 Year License Renewal Cost for Budgetary Purposes

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### Internet Bandwidth Usage Shaping Device:

- Bandwidth shaper should allow the District to configure and control bandwidth use of various types of media
- Installation and Configuration Required for Shaping Device and Implementation
- Yearly updating fees
- This may be included with the Firewall

Please Include 1 Year, 3 Year, and 5 Year License Renewal Cost along with costs of unit

### Network Cabling-

- All Network Drops Must Use Category 6 23 AWG High Performance Cabling ETL Verified to TIA-568-C.2 and ISO/IEC 11801.
- Must Include Modular Keystones, Wall Plates, Wire mold (As Needed), Patch Cables (Rack and Workstation), Ceiling Hooks, Patch Panels (Keystone Type), Labor, Cable Certification, Documentation, Labeling, and Clean up
- Please indicate plan to determine usefulness of current cabling system

Please include a per drop cost

Please include a cost per patch cables

## **District Computing Systems:**

The District currently has 240 desktop computers of which most are XP machines. The District's goal is to utilize the XP machines in a virtual desktop configuration or in an updated Windows 7 standalone format. The District is willing to consider the possibility of adding RAM and upgrading the current XP machines to Windows 7. The District will be accepting bids on teacher and administrator computers that would be stand alones outside a Thin Client and will need to accept bids based on the teacher and administrator standalone specifications.

### **A. Thin Client Solution:**

The District currently has 240 desktop computers of which most are XP machines. The District's goal is to utilize the XP machines in a virtual desktop configuration for students. The District's goals in the virtual desktop solution include the need to have a virtualized sign in for each time a student signs in to a computing station, a single image that each station would revert back to and the necessity to load testing or learning platforms to certain user sets. The requirements for this system includes:

- A minimum of 2.5 GB per student station for each virtual desktop
- A central Thin Client Server Set
- Ciprix, Microsoft Virtual Desktop or other applicable solution for desktop virtualization
- 100 new embed units
- Installation and Configuration of the Thin Client System
- Training on use and maintenance of the Thin Client System
- Virtual Service Capabilities

#### **A (2) Cost Structure**

- Cost structure for outright purchase of the Thin Client Solution
- Cost per 60 student Thin Client applications (this would result in four distinct pods)
- Cost structure for a 3 year (36 month) \$1 buyout lease
- Cost structure for 5 year (60 month) \$1 buyout lease
- Completion Timeline

#### **A (3) Service Agreement**

- Cost structure for a maintenance agreement that would indicate number of onsite hours, cost for additional hours, and cost for virtual service hours
- Set-up fees for additional images such as testing, benchmarking, etc....
- Once a month site visit for eight hours and costs of purchase of additional hours

## Desktop Computer Systems

Teacher Desktops Minimum Requirements: Quantity 82

- Limited Warranty: 3 Year Onsite Warranty
- Processor Model: Intel Core I5 Quad Core i5-4570 3.20 GHz
- Standard Memory: 4 GB
- Memory Technology: DDR3 SDRAM
- Total Hard Drive Capacity: 500 GB
- Optical Drive Type: DVD-Writer (DVD-RAM/±R/±RW)
- Graphics Controller Model: HD Graphics 4600
- Ethernet Technology: Gigabit Ethernet
- Number of Total Expansion Bays: 4
- Number of Total Expansion Slots: 3
- Total Number of USB Ports: 6
- Display Port: Yes
- Operating System: Windows 8.1 Professional (64 Bit) With Windows 7 Professional Downgrade Rights
- Form Factor: Small Form Factor or Mid Tower
- USB Mouse and Keyboard
- Green Compliance Certificate/Authority: GREENGUARD, RoHS
- 24" Monitor
- Please Include Optional Bid for Microsoft Office Professional Plus Academic Open Licensing

Student Desktop Minimum Requirements: Quantity 125

- Limited Warranty: 3 Year
- Processor Type: AMD A-Series A8-6500B Quad-Core 3.50 GHz Processor
- Standard Memory: 4 GB
- Maximum Memory: 16 GB
- Total Hard Drive Capacity: 500 GB
- Optical Drive Type: DVD-Writer (DVD-RAM/±R/±RW)
- RAID Supported: Yes
- Graphics Controller Manufacturer: AMD
- Graphics Controller Model: Radeon HD 8570D
- Ethernet Technology: Gigabit Ethernet
- Number of Total Expansion Bays: 3
- Number of Total Expansion Slots: 4
- Total Number of USB Ports: 10
- Display Port: Yes
- Operating System: Windows 8.1 Professional (64 Bit) With Windows 7 Professional Downgrade Rights
- Color: Business Black
- Form Factor: Small Form Factor or Mid Tower
- USB Keyboard and Mouse
- Green Compliance Certificate/Authority: RoHS

#### B (1) Cost Structure

- Cost per unit for both categories
- Cost structure for outright purchase of the Desk Top Solution
- Cost structure for a 3 year (36 month) \$1 buyout lease
- Cost structure for 5 year (60 month) \$1 buyout lease
- Delivery and Set Up Fees with Completion time line

#### B (2) Service Agreement

- Cost structure for a maintenance agreement that would indicate number of onsite hours, cost for additional hours, and cost for virtual service hours
- Applicable service dates and testing preparation methods

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#### B(3) Server(s) Set-Up

- Cost structure for a centralized cloud storage device (minimum of 1 Terabyte)
- Cost structure for a centralized student image server utilizing an image protection software
- Teacher and staff messaging enabled over server software

#### B(4) RAM Addition and changeover

- Addition of required RAM to enable Windows 7 operation from XP machines
- Change over from XP to Windows 7
- Configuration of computers for use of Windows 7
- Delivery and Set up Fees with a Completion Timeline
- Cost Structure of RAM per MB

## District Voice Over IP Phone System

- All Voicemail and Programming Shall Be Stored on a Windows 2012 R2 Server with a Minimum of 500GB of Storage Set Up With Hard Drive Redundancy
- 31 Gigabit Full Duplex Phones with VLAN Capabilities
- Dedicated Phone Switches For Each School Site or C/O Line Locations
- Separate Phone System To Be Provided for ECC
- 911 Calls Must Properly Identify the Location of Any Emergency Call
- Installation and Configuration Required. Vendor Must Provide Any Networking Details That Will Be Required to Implement District Phone Solution.
- 1 Year Warranty and Firmware Upgrade Support for Phone Server and Switches. Please Include Year Over Year Renewal Costs for Budgetary Purposes
- Please Include Extension and Mailbox Licensing with System
- Please Include Operator Licenses for All Administrative Assistant Personnel as well as Advanced Feature Phones.
- Staff and Administrative Phone System Training
- Please Provide an Optional Bid to Transition Copper Lines to PRI Circuit.

### Cost Structure

- Cost structure for outright purchase of the Voice Over IP System
- Cost structure for a 3 year (36 month) \$1 buyout lease
- Cost structure for 5 year (60 month) \$1 buyout lease
- Date to Completion, Set up, Delivery and Training Fees

Prague Public Schools is accepting proposals for 96 MFP/PRINTERS on a 36 month or 60 month FMV lease. All proposals are due on May 29, 2014 at 2:00 P.M. Please deliver proposals to the Superintendent's office at the corner of Bluebell and Highway 99, Prague, OK 74864. The decision will be made at the June 12, 2014 board meeting and the announcement of the winning vendor will be made on June 14, 2014. The Board does reserve the right to accept, table, reject or modify any and all portions of the Bid.

**ALL MACHINES REQUESTED MUST MEET THE FOLLOWING SPECIFICATIONS:**

**OPTION 1**

(6) EA. 65PPM B&W MFP (Copy, Network Print, Network Scan, Fax, 4,000 Sheet Stapling Finisher With Hole Punch, 4,150 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO THE MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(1) 25PPM B&W-COLOR MFP (Copy, Network Print, Network Scan, Fax, 1,000 Sheet Stapling Finisher With Hole Punch, 4,100 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(5) EA. 50PPM B&W MFP (Copy, Network Print, Network Scan, Fax, 600 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(3) EA. 28PPM B&W-COLOR MFP (Copy, Network Print, Network Scan, Fax, 800 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(81) EA. 42PPM B&W PRINTER (Network Print, 600 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE) {This portion of the bid may be split apart for later consideration}

**OPTION 2**

(6) EA. 55PPM B&W MFP (Copy, Network Print, Network Scan, Fax, 1,000 Sheet Stapling Finisher With Hole Punch, 4,150 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(1) 25PPM B&W-COLOR MFP (Copy, Network Print, Network Scan, Fax, 1,000 Sheet Stapling Finisher With Hole Punch, 4,100 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(5) EA. 50PPM B&W MFP (Copy, Network Print, Network Scan, Fax, 600 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(3) EA. 28PPM B&W-COLOR MFP (Copy, Network Print, Network Scan, Fax, 800 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE AND ACCESS GOOGLE DRIVE FROM THE MACHINE)

(81) EA. 42PPM B&W PRINTER (Network Print, 600 Sheets of Paper Capacity, and MUST BE ABLE TO MOBILE PRINT & AIRPRINT TO MACHINE) {This portion of the bid may be split apart for later consideration}

**36 MONTH FMV LEASE PRICE (OPTION 1 & 2) = \_\_\_\_\_**

**COST PER COPY FOR SERVICE (OPTION 1 & 2) = \_\_\_\_\_**

**60 Month FMV Lease Price Option (1 & 2) = \_\_\_\_\_**

**Cost Per Copy for Service Option (1 & 2) = \_\_\_\_\_**

\*SERVICE MUST INCLUDE PARTS, TONER, LABOR AND STAPLES.

\*WINNING VENDOR MUST RETURN CURRENT EQUIPMENT TO LEASING COMPANY.

**BID EVALUATION SHEET**

<b>Evaluation Factor</b>	<b>Maximum Points</b>	<b>Cost Per Area of Bid</b>	<b>Maximum Points</b>	<b>Total Awarded Points</b>
<b>Price per unit</b>	<b>15</b>			
<b>Training costs</b>	<b>5</b>			
<b>Delivery Time</b>	<b>15</b>			
<b>Service availability</b>	<b>15</b>			
<b>Total Price</b>	<b>20</b>			
<b>Outright costs</b>	<b>10</b>			
<b>3 year lease costs</b>	<b>10</b>			
<b>5 year lease costs</b>	<b>10</b>			
<b>TOTAL POINTS</b>	<b>100</b>			

Bid Evaluated by (one person per sheet): \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_