

MCKINNEY

INDEPENDENT SCHOOL DISTRICT

McKinney ISD exists to provide an excellent education for all.

ATTENTION

Vendors MUST RESPOND To This
Bid/Proposal For
VOIP MANAGED SERVICES

To Allow McKinney ISD To Purchase
These Goods/Services From Your Company
To Remain In Compliance With
State Bid Law Requirements

DEADLINE

Bids/proposals are due before 2:30 p.m. on
March 17, 2014.

Late bids/proposals will not be accepted.

FOR QUESTIONS PLEASE CALL 281-494-0187.

MCKINNEY

INDEPENDENT SCHOOL DISTRICT

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INVITATION TO BID/PROPOSE

BID/PROPOSAL NAME: PSTN OR MANAGED SERVICE
BID/PROPOSAL #: RFP2013-001222363
BID/PROPOSAL OPENING DATE: March 17, 2014
BID/PROPOSAL OPENING TIME: 2:30 P.M.
CONTRACT TERM: July 1, 2014 through June 30, 2017
(option to extend five (5) additional year-mutual agreement)

***** **LATE BIDS/PROPOSALS WILL NOT BE ACCEPTED** *****
***** **MISD WILL ACCEPT ELECTRONIC BIDS/PROPOSALS** *****

McKinney Independent School District reserves the right to accept or reject any and/or all bids/proposals for any or all products and/or services covered in this bid/proposal request and to waive informalities or defects in bids/proposals or to accept such bids/proposals as it shall deem to be in the best interest of McKinney Independent School District.

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McKinney PSTN or Managed Service

1.0 GENERAL

MISD will follow the purchasing policies of the MISD Board and requirements and procedures of the Schools and Libraries Universal Service to be eligible for all available funding.

The implementation of any associated contracts resulting from this competitive bid process will be dependent on the districts' issuance of a written Notice to Proceed. Erate funding notification alone will not signify Notice to Proceed. The district will have the right to allow the contract to expire without implementation if appropriate funding does not come available.

MISD will evaluate proposals for the following VOIP Managed Service:

VOIP Managed Service to replace the existing PSTN access service, phone and messaging system, support direct phone lines used for security, fax, elevators, fire alarm, and building alarm. The current environment includes 3074 analog lines, 996 digital lines, 3354 virtual lines, 4 Primary Rate Interface ISDN circuits to support the VOIP phone system, fax services and long distance with 72 T1 interface connections over district fiber used to connect to each district phone switch. Requested proposals will be:

1. Provide a Complete Managed Service with PSTN access and managed VOIP services including approximately 4070 handsets

This Request For Proposal (RFP) provides interested suppliers with sufficient information to prepare and submit Proposals for consideration with the intent of contracting with one or more companies to provide the requested service for MISD.

1.1 Schedule of Events

The following is the required schedule of dates for this project. All tasks and associated schedules in italicized text are subject to change based on the RFP responses and evaluation process.

Release of RFP to Proposers	February 14, 2014
RFP Opening	<u>March 17, 2014 @ 2:30 P.M.</u>
<i>Contract Award</i>	<i>Approx: March 25, 2014</i>
<i>Contract Review/Legal/Signed</i>	<i>Approx: March 2014</i>
Project Start-up	<i>July 1, 2014</i>

1.2 Questions

Based upon an E-Rate Letter of Agency between EPS and the district, all questions regarding the content of this RFP will be submitted in writing or electronic mail to:

Education Partners Solution, Inc.

16107 Kensington Drive; Suite 254

Sugar Land, TX 77479

Voice: (281) 494-0187

FAX: (832) 201-8162

Email: gifford@eps4.com

2.0 TERMS AND CONDITIONS OF REQUEST FOR PROPOSAL ("RFP")

2.1 Response Submission

Responses to this RFP must be submitted in sealed packages and delivered on or before March 17, 2014 at 2:30 P.M.

2.2 Costs Associated with Preparation of The Vendor's Response

MISD will not be liable for any cost incurred by the respondents in preparing responses to this RFP or negotiations associated with award of a contract.

2.3 Questions

Questions to EPS regarding this RFP can be submitted in writing up to one (1) week prior to the opening date. Responses to all questions received in proper time frames will be made in writing and distributed to all Vendors in attendance.

2.4 Proposal Binding Period

Prices quoted in The Vendor's response for all labor and materials will remain in effect for a period of at least ninety (90) business days from the issuance date of The Vendor's response.

2.5 Vendor Qualifications

The vendor will provide information demonstrating their capability in delivering the services requested in this RFP. Experience, qualifications, and certifications will help determine the vendor's ability to deliver the specified services and help assure MISD of a successful project.

2.6 Award Criteria

MISD shall accept the proposal it deems to be in the best interest of MISD based on the evaluation of the responses per the selection criterion set forth in Section 44.031 in the Texas Education Code with price being the highest weighted criteria.

A. Proposer Qualifications; 30%

- a. the vendor must meet the Schools and Libraries Program requirements to provide services.
- b. the reputation of the vendor and of the vendor's goods or services;
- c. the vendor's past relationship with the district;
- d. vendor's knowledge and experience with the solution;

B. Good and Services 30%

- a. the extent to which the services meet the district's needs as defined in Services Specifications;
- b. the quality of the vendor's services;
- c. service offerings;

C. the purchase price; 40%

- a. the total long-term cost to the district to acquire the vendor's goods or services over three years;
 - b. the nonrecurring cost to the district;
 - c. the recurring cost over three years.
- D. the impact on the ability of the district to comply with laws and rules relating to historically underutilized businesses. 0%

2.7 Multi-Year Options

MISD will evaluate three and five year contracts. Month to Month contracts with guarantee not to increase cost of contracted services will also be accepted. A multi-year contract means a contract that covers more than one year. For example, a three-year contract would expire at the end of the third year. A contract including voluntary extensions means that the contract expires at the end of its original term and may be voluntarily extended for one or more years pursuant to the provisions in the contract. A

2.8 Response must meet Technology Plan objectives

As required by The Federal Communications Commission (FCC) and MISD best practices, this request for services to be contracted is based on an approved technology plan.

2.9 E-Rate Background

The information in this Request For Proposals [RFP] is provided in conjunction with the Schools and Libraries Division [SLD] Forms 470 and 471, in partial fulfillment of the requirements for the FCC Universal Service Fund (*a.k.a.*, "E-Rate") discounts. These programs provide discounts for: certain telecommunications products and services, including voice and data communications; Internet access; and, in some cases, internal connections. For more information about these Federal programs, and before responding to this RFP, please refer to the SLD web site, www.universalservice.org/sl/, or call the SLD Help Line at 888-203-8100. Please do not contact applicant personnel either with general questions about E-Rate, or to offer ineligible services or services not requested on this RFP. Bidders must have a valid Service Provider Identification Number [SPIN]. Telecommunications providers must also be registered ("common carrier") providers as defined by the SLD. Service providers must be prepared to discount invoices to the school and submit the balance to the E-Rate program via Service Provider Invoice [SPI] forms, as specified by the SLD. ("SPI mode" rather than "BEAR mode" invoicing is expected.)

3.0 PROJECT SPECIFICATIONS

3.1 Proposer Qualifications

3.1.1 Schools and Libraries Program Requirements

The Schools and Libraries Program reimburses telecommunications, Internet access, and internal connections providers for discounts on eligible services provided to schools and libraries. While schools and libraries apply for these discounts, USAC works in conjunction with service providers to make sure these discounts are passed on to program participants.

- a. The vendor must be eligible to participate in the Schools and Libraries Program and obtained a Service Provider Identification Number (SPIN) from USAC.

The Federal Communications Commission (FCC) has determined that in order to provide telecommunications services (voice, video or data transport), the service provider must provide such services on a common carrier basis.

- b. The vendor must be an eligible service provider for telephone, telecommunication services, and Internet services as defined by the Federal Communication Commission (FCC) for reimbursement from the Schools and Libraries Program.

Eligible ERate Services:

Telecom Services	<i>Telephone Service</i>	<p>Description:</p> <p>"Telephone Service" refers to communication that takes place using the public switched telephone network. Costs to subscribe to a telephone service are generally eligible for discount. Examples of telephone services include:</p> <ul style="list-style-type: none"> • 800 service • Centrex • Local phone service • Long distance telephone service • POTS ("Plain Old Telephone Service") • Radio loop • Wireless telephone services, e.g., cellular service and Personal Communications Services (PCS) • Satellite • Wireless telephone services, e.g., cellular service and Personal Communications Services (PCS) o See the Internet Access category for the eligibility of Wireless Internet access/e-mail plans for portable electronics <p>Shared telephone service (only that portion of the shared service relating to the eligible use and location may receive discounts) Various payment options may be used with these eligible services, and phone bills may include billing terms, such as, flat rate, local measured service, and message rate service. Phone calling cards may also be eligible, if they are used for an educational purpose. Service to an eligible location for educational or library purposes can provide voice communication, fax connections, modem connections, 911 or alarm connections.</p>
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<p>Telecom Services</p>	<p><i>Digital Transmission Services</i></p>	<p>Description: A telecommunications service that provides transmission from an eligible school or library facility to other locations beyond the school or library is eligible for discount. Digital transmission services refer to data links that connect multiple points using any available technology. An eligible digital transmission service may be used to connect an eligible location to the Internet or Internet2. Digital transmission services used to link local networks are commonly called "wide area networks" (WANs). Eligible digital transmission technologies include, but are not limited to:</p> <ul style="list-style-type: none"> • Asynchronous Transfer Mode (ATM) • Digital Subscriber Line (DSL) • DS-1, DS-2, DS-3 • Fiber optics • Frame Relay • Integrated Services Digital Network (ISDN, BRI, PRI) • OC-1, OC-3, OC-12, OC-n • Satellite service • Switched Multimegabit Data Service (SMDS) • T-1, T-2, T-3, Fractional T-1 • Wireless <p>Components required as an integral part of a digital transmission service are eligible for discount, such as:</p> <ul style="list-style-type: none"> • costs of a permanent virtual circuit (PVC) • costs of trunk lines • reasonable installation costs <p>The telecommunications component of:</p> <ul style="list-style-type: none"> • a distance learning capability, • video service, or • interactive television is eligible for discount.
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<p>Internal Connections</p>	<p><i>Telephone Components</i></p>	<p>Description:</p> <p>Centralized components that are an essential element in the transport of telephone services within a school or library are eligible. This includes:</p> <ul style="list-style-type: none"> • Private Branch Exchange (PBX) • Key System (KSU) • Voice Mail Components • Wireless • VoIP Telephony Equipment <p>In addition, the following features are also eligible:</p> <ul style="list-style-type: none"> • Automatic Route Selection (ARS) • E911 Reader Board • Voice Compression Module
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		<ul style="list-style-type: none">• Voice Interface Card <p>One switchboard/attendant console necessary for operation of each eligible PBX or eligible Centrex telephone service is eligible.</p> <p>An intercom system that is an integral component of a PBX or other eligible product that is included in the cost of the eligible component is eligible.</p>
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3.1.2 The Reputation of the Vendor and of the Vendor’s Goods or Services

- a. The proposal will include three references from comparable educational customers.
- b. The proposal will include three references from comparable product installation.

3.1.3 The Vendor’s Past Relationship with the District

- a. The proposal list any past project or contracts that the service provider has had with McKinney Independent School District.

3.1.4 The Vendor’s Knowledge and experience with the Solution.

- a. The proposal will list the personnel and qualifications of the personnel that will be assigned on the project.

3.2 Services Requirements

3.2.1 Services Specifications

3.2.1.1 PSTN Services as part of a Comprehensive Managed Service Offering.

McKinney ISD currently has 4 Primary Rate Interface (PRI) circuits that are being provided to the district to support the district’s Telephone System, the Fax Server, and Long Distance. MISD currently also has an on premise, district-owned, legacy telephone and voice system that will be upgraded with either a Managed VOIP offering or replacement of district-owned equipment.

McKinney ISD currently has telecommunication services that are being provided to the district for POTS and PRI services to provide PSTN access for the phone system. Four (4) PRI and 72 T1 interface connections over district fiber to provide incoming and outgoing PSTN and Long Distance services for the NEC Telephone System, two (2) PRIs terminate at 1 Duvall Street, McKinney, TX and two (2) terminate at Dowell Middle School at 301 South Ridge Road. These lines support PSTN service for the POTS, Fire Alarm Systems, the Intrusion Entry Systems, the Paging system, the Power Management System and the VOIP IP Gateways at each campus. Line count per facility, line type per facility and facility addresses are in the Appendix.

It is the intent of this RFP to evaluate the solution to deliver PSTN access, telephone and voice mail for the district via a managed service in lieu of replacing the current system. MISD request the following proposals be provided for evaluation:

- a. MISD will evaluate proposals to provide a comprehensive VOIP Managed Service to replace the current telephone and voice messaging system within the district and the existing PRI service.

3.2.1.2 Current Direct Inward Dial (DID) numbers for PRI Services

MISD currently has the entire 302 exchange equating to approximately 10,000 Direct Inward Dial (DID) block of numbers for the Phone system. .

- a. The vendor will provide the cost to provide this same DID block of number to MISD.

3.2.2 The Quality of the Vendor's Service

- a. The vendor will include within the response the Service Level Agreements (SLA) that are provided with the proposed service offerings.

3.2.3 Service Offerings

MISD will evaluate the overall proposals for services provided to the district. It is MISD's intent to contract for the most cost effective and technically superior and efficient solution for the district.

3.2.4 Core Hardware, Software / Licenses

The Vendor shall provision and provide pricing for a service based on systems provided. The district will not purchase or take ownership of any hardware, software or licenses of the system. MISD will purchase handsets and end-user devices as a one-time, non erate eligible cost.

3.2.5 Current Number of users and equipment

See Appendix. The Vendor shall use this projected number of users per campus.

3.2.6 IP Data Network for VOIP devices.

The solution may propose to utilize the district's existing IP WAN/LAN data network to deliver the service. In addition, the proposal may include utilizing the two strand dark fiber network currently supporting the VOIP network for voice services. The proposal should include the network equipment.

3.2.7 Connectivity

The Vendor will provide recommendation for network configuration requirements with respect to the need for connectivity to VoIP servers, routers and switches for delivery of services.

3.2.8 Failback Provisioning

The district desires to continue very high availability for its users. The Vendor shall provide a "solutions option" for failback purposes so that there is no loss of service when control is switched from the primary to secondary controller, and then back again. A controller must be able to function as a primary controller for a group of phones and act as a secondary controller for another group of phones.

3.2.9 Telephony Redundant /Backup Telephone Lines

The Vendor is to include local telephony telephone lines into all locations for emergency, alarm, elevator and local dial-tone. .

3.2.10 Traffic Reports

The Vendor will describe traffic report features available that will be delivered as part of the solution.

3.2.11 Call Detail Records

The Vendor shall provision, such that call detail records are captured, and written, to an IP-networked external the district device.

The Vendor shall state the maximum number of individual call detail records retained in the systems internal buffer, and whether that memory is volatile or not.

3.2.12 District's Dial Plan

The Vendor is to provide best practices recommendations for a simple dial plan including routing between offices. VoIP Service will use the current District phone numbers. The District wishes to retain the current phone numbers at all locations. VoIP Service will provide five (5) digit dialing between rooms and facilities; Call Forwarding, both inside and outside of the system; Call Routing System; Call Transfer and Redial; Caller ID, both the caller and receiver, provided the receiver has this feature enabled on their phone.

3.2.13 DID's

The Vendor is to provide pricing for DID implementation based upon the current environment.

3.2.14 Voicemail Integration with Active Directory

The Vendor is to provide the incremental cost of voicemail integration with Active Directory/email; identifying the related infrastructure requirements that the district will need to consider, should this be implemented by the district.

3.2.15 Provision for E911 Services

The system must successfully and accurately pass extension number and location details. Describe the solution offered.

3.2.16 Administration Tools

The system/network management must be accessible from a remote LAN-based workstation/server. The main focus is to provide a single point of administration. Describe functionality and features of the proposed system.

3.2.17 Handsets

The district shall have its definitive list of handset model numbers and counts available during contract negotiation. The district is looking to limit the number of power adapters required for each handset device. The actual numbers of handsets required will be finalized at contract negotiation.

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<u>Phone Function</u>	<u>Total Count</u>
Standard	3074
Administrators	160
Executive Assistants	996

3.2.18 User Handset Functionality

The district’s user functionality requirements are relatively simple in nature. However, the district expects the Vendor’s proposed solution offers a broad menu of capabilities. Final decisions on handset functionality will be made at contract negotiations; however the following are representative of the district’s requirements:

	Required (yes/no/optional)
Call Forward (to internal local or voicemail)	Yes
Call Forward (to external number, i.e. to cell phone; downside can incur long distance charge)	Optional
Call Hold	Yes
Call Transfer	Yes
Do-Not-Disturb	Yes
Last Number Redial	Yes
Speed Dial – Corporate List	Yes
Speed Dial	No
Voicemail Call Monitoring (Recording while talking)	No
Failover/Backup IP phone systems	Request options
Attendant Console(s) – business hours	Yes
Attendant Console(s) – after business hours	Yes
Unified communication across devices – ie PC based IP phone	Yes
Instant Messaging Integration	Yes
Desktop video conferencing – Dependent on proposed costs including support structure costs	Yes
IP system administration –for installation, training and support after implementation	Yes
VOIP Network Management	Yes
Remote teleworker	Yes
Wireless headsets	No – Request pricing
eFax to desktop system	Request proposal
Wireless IP phones	No

3.2.19 Video Conference and Conference Phones

Provide an option for five (5) is for video enabled conference phone systems.

3.2.20 Paging System

Not required.

3.2.21 Toll Restriction

Block 1-900 dialing (toll restriction).

3.2.22 Incident Management Call Recording Devices

The district will not be recording phone calls. This may however be a future requirement for specific groups within the district; please provide details and pricing.

3.2.23 FAX Services

The district will continue using Faxes in the short term. The district is however looking for the Vendor to provide solutions/options to address FAX services.

3.2.24 Reception

During business hours reception will continue to be responsible for receiving (live answer) and correctly disposing of all incoming external calls plus internally initiated calls to reception Auto-Attendant. The district uses the auto-attendant to receive and direct calls outside of business hours.

3.2.25 Music on Hold

The Vendor shall indicate the device connection options and supported devices (e.g. CD, radio, etc.). The Vendor shall provision the appropriate interface.

3.2.26 Call Center Applications

Not required.

3.2.27 Maintenance Services

The service will provide all systems maintenance and support on system components. Handsets and end-user devices should be priced as separate support options. A Service Level Agreement should be provided on the system services.

3.2.28 Training

User Training – In-Service Date

The Vendor shall provide live training for all users.

The Vendor shall provide an on-site trainer to work specifically with the district receptionists and executive assistants until they are comfortable working with the solution.

Technical and Administrator Training

The Vendor shall provide technical and administrator training to the district no later than two (2) weeks prior to the cutover date. The district prefers the district and the Vendor's staff work together for these purposes whilst Vendor is performing that work in preparation for the in-service date.

Technical Training

The Vendor shall provide end-user technical training for the district IT staff. This is in the nature of items a technically competent IT individual may perform in normal course operations.

Administrator Training

The Vendor shall provide the district administrative staff training for performing day-to-day operations. This shall include use of manufacturer-provided administrative tools, MACs, training new users, etc.

3.2.29 Documentation

System

The Vendor shall state how it shall provide, and maintain current, all pertinent system documentation. The district expects this documentation shall be logically organized, indexed and readily searchable. The district expects accessing this documentation shall not require the district to do broad searches using the manufacture web site.

User

The Vendor shall state how it shall provide, and maintain current, all pertinent user documentation. The district expects this user documentation to be guided and readily understandable to non-technical users. The Vendor shall provide printed “Quick Start” user documentation for all users a few working days prior to the go-live date.

3.2.30 Voicemail System

The Vendor is advised the district shall require a new voicemail system. The system default retention period will be set at 14 days and then auto delete.

3.2.31 Vendor’s Site Requirements of the district

The Vendor shall specify its site requirements of the district consistent with its proposed solution.

Electrical Power

The Vendor shall state its total electrical power requirements for each served campus based upon the district’s number of users on that campus. This shall include the total number of independent circuits and their corresponding voltage and amperage.

Rack Space

The Vendor shall state its rack unit requirements for each served campus based upon the district’s number of users on that campus.

3.3 Deliverables

- 1) The district is looking for a turnkey Managed Service VoIP implementation. This may include, but not be limited to, the following:
 - a) Project Plan detailing the methodology, implementation plan, timelines, resources, risks, decision matrixes, and other best practices project management elements required to implement the proposed solution.
 - b) Documented architecture and design of the solution.
 - c) A Bill of Materials detailing all hardware, software, licenses, handsets and peripherals, maintenance agreements, and all other components detailed in this RFP and/or proposed by the Vendor.
 - d) The Vendor will detail their procurement plan and procure all the hardware, software, handsets, etc. as detailed in the BoM.
 - e) Budget detailing all elements of this RFP including but not limited to those detailed in the RFP requirements section, the BOM, resourcing, implementation, training, professional services costs, Managed Services costs.
 - f) Managed services plans and options for supporting the VoIP solution.

- g) Resumes of key resources including Service Manager, Account Manager, Project Manager, Technical Leads, and Trainer.
 - h) End user, administration, technical training and associated training materials and documentation.
 - i) On completion of the implementation, as-built technical documentation and drawings, support and end-user documentation.
- 2) Implementation Timelines
- a) Target implementation is for August 1 2014.

3.4 COST

3.4.1 Total Long Term Cost to the District

MISD will evaluate the total long-term cost to the district to acquire the requested services. The evaluation will be based on a three and five year service solution. The vendor should provide the most cost effective proposal to the district for contracting either month to month, yearly or multi-year contract term. If the vendor provides a response to the RFP for a term less than three years, the evaluation team will extrapolate a three year equivalent for evaluation.

For example, the most cost effective proposal from the vendor is a one year contract with options to renew yearly. The evaluation team will take the one year cost and multiple by three years to get a long-term cost to the district.

- a. The vendor will provide a cost for each requested service per location for proposed term of the service. Terms can three or five year. All cost should be identified as Erate eligible with the percent eligible if less than 100% or Non Erate Eligible.

3.4.2 Nonrecurring Cost to the District.

MISD will evaluate the one time, nonrecurring cost to the district.

- a. The vendor will provide the nonrecurring cost per service per location.

3.4.3 Recurring Cost to the District.

MISD will evaluate the recurring cost to the district on a monthly basis.

- a. The vendor will provide the monthly recurring cost to the District per service per location.

4.0 Proposal Form

4.1 Proposer Qualifications –

4.1.1. SPIN NUMBER: _____

4.1.2. Evidence of FCC Telecommunication Carrier (Yes) / (No)

4.1.3. Three References of Comparable Educational Customers

1. _____

2. _____

3. _____

4.1.4. Three References of Comparable Product Installations

1. _____

2. _____

3. _____

4.1.5. Previous Contracts with MISD

1. _____

2. _____

3. _____

“If more, please list on separate sheet.

4.1.6. List the personnel and qualifications of the personnel that will be assigned on the project:

1. _____

2. _____

3. _____

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Cost Summary

The vendor will provide a cost summary on the form below. The information requested below is the minimum that will be accepted. Vendor will submit one (1) original and three (3) complete copies of the proposal. Use additional pages as needed.

Additional information and pricing shall be documented, titled with the "Additional Service Cost" line item on this Cost Summary Form that it is detailing, and the total additional cost entered into that line item's price.

4.2 VOIP Managed Service –

The contract's start date will be July 1, 2014 and end date will be June 30, 2017. Options to extend contract should be described.

Demarc Location	QTY	Channels (each)	Unit Non Recurring	Unit Monthly Recurring	Total Unit Cost	Total Site Cost
NOC-Admin		90				
SNOC-Dowell MS		90				

Five Year Contract Cost –

The contract's start date will be July 1, 2014 and end date will be June 30, 2019. Options to extend contract should be described.

Demarc Location	QTY	Channels (each)	Unit Non Recurring	Unit Monthly Recurring	Total Unit Cost	Total Site Cost
NOC-Admin		90				
SNOC-Dowell MS		90				

4.3 Cost for Long Distance

- Cost of complete service: (estimated 75,000 minutes)

<i>Description</i>	<i>Monthly Rate</i>	<i>Qty Rate</i>	<i>Qty</i>	<i>Monthly Total</i>
Long Distance				

4.4 Optional Managed Service Costs –

- Cost of complete service: (detail each).

Budget detailing all elements of this RFP including but not limited to those detailed in the RFP requirements section:

Term:	_____
Monthly Recurring	\$ _____
Implementation	\$ _____
Training	\$ _____
Professional services	\$ _____
Other	\$ _____
Total	\$ _____
Handset and end user device cost	\$ _____

Additional "Added Value" Service Cost Option:

- _____

_____.

Price = \$ _____

- _____

_____.

Price = \$ _____

- _____

_____.

Price = \$ _____

- _____

_____.

Price = \$ _____

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5.0 Appendixes

Appendix A: Campus Line Summary

<u>Seq</u>	<u>Site</u>	<u>Analog</u>	<u>Digital</u>	<u>Virtual</u>	<u>T1 Interface</u>	<u>PRI</u>	<u>POTS</u>	<u>PC</u>	<u>Ext1</u>	<u>Ext2</u>
1	Boyd HS	335	90	93	1		2	27	3400	3899
2	Central Admin	192	182	252	13	2	2	1	4000	4224
3	(con't)								7760	7799
4	(con't)								3900	3999
5	Dowell MS	107	25	50	11	2	2	12	6700	6899
6	McKinney HS	265	61	107	2		2	14	5700	5999
7	(con't)								3200	3399
8	McKinney North HS	233	65	99	9		2	3	4300	4599
9	(con't)								3000	3199
10	Valley Creek	60	15	84	8		2	6	4800	4899
11	Help Desk	5	5					99	7750	7759
12	Bennett	79	17	104	1		2	9	5400	5499
13	Burks	68	15	85	1		2	10	6200	6299
14	Caldwell	68	15	72	1		2	11	5500	5599
15	Central Dist Center-NIF	8	10	15	1		2	19	4250	4269
16	Cockrill MS	114	31	153	1		3	32	7850	7999
17	Eddins	63	13	96	1		2	20	6600	6699
18	Evans MS	120	26	225	1		2	28	7100	7299
19	Faubion MS	101	24	126	1		2	23	6900	7099
20	Finch	66	16	87	1		2	13	5600	5699
21	Glen Oaks	64	13	89	1		2	24	6400	6499
22	Greer Annex-NIF	34	76	114	1		2	18	6300	6399
23	(con't)								7700	7749
24	Johnson Elem	64	14	81	1		2	29	6500	6599
25	Johnson MS	109	42	152	1		2	5	4900	5099
26	Lawson	72	38	98	1		2	34	2400	2499
27	Maintenance	14	13	31	1		2	26	4270	4299
28	Malvern	74	16	82	1		2	2	5300	5399
29	McClure	62	11	63	1		2	35	9400	9499
30	McGowen	65	12	99	1		2	30	7500	7599
31	McNeil	57	15	72	1		2	4	5200	5299
32	Minshew	71	13	116	1		2	21	7300	7399
33	McKinney Learning Ctr	31	16	51	1		2	25	7800	7849
34	Press	64	11	105	1		2	31	7600	7699
35	Slaughter	77	16	84	1		2	15	6100	6199
36	Vega	75	16	83	1		2	16	5100	5199
37	Walker	62	19	93	1		2	7	4600	4699
38	Webb	65	17	90	1		2	17	6000	6099
39	Wilmeth	71	14	114	1		2	22	7400	7499
40	Wolford	59	14	89	1		2	8	4700	4799

3074 996 3354 72 4 69

PSTN or MANAGED SERVICE

- Analog A port programmed to support traditional phone devices (to include fax)
- Digital A port programmed to support Multi-line capable display phones
- Virtual Soft number used for alternate lines and classroom disruption avoidance
- T1 Interface used to connect to other district phone switches
- PRI Interface used to connect the district to the outside world
- Analog Trunk/POTS Interface primarily for connection to AT&T lines for 911 use
<http://www.mckinneyisd.net/information/docs/districtmap.pdf>
- Point Code (PC) = route codes
- 27 NEC 2000 systems
- 5 NEC 2400 systems (3 with redundant power, control, and CPUs)
- 1 IPK (Help Desk phones only)

- 1 SV8500 (with redundant power, control, and CPUs)
- 1 SV8300

Hub Locations:

Seq	Site	T1 Interface	PRI	Hub
2	Central Admin	13	2	NEAX 2400 IPX
5	Dowell MS	11	2	NEAX 2400 IPX
6	McKinney HS	2		NEAX 2400 IPX
8	McKinney North HS	9		NEAX 2400 IPX
10	Valley Creek	8		SV 8500
11	Help Desk			IPK System

**Appendix B: McKinney Campus Addresses**<http://www.mckinneyisd.net/information/docs/districtmap.pdf>

School name	Street	City	State	Zip_code	Phone
ALBERT & IOLA LEE DAVIS MALVERN ELEMENTARY	1100 ELDORADO PKWY	MCKINNEY	TX	75069	4693025300
ARTHUR H MCNEIL ELEMENTARY SCHOOL	3650 HARDIN BLVD	MCKINNEY	TX	75070	4693025200
BURKS EL	1801 HILL ST	MCKINNEY	TX	75069	4693026200
C T EDDINS EL	311 PEREGRINE DR	MCKINNEY	TX	75070	4693026600
CALDWELL EL	601 W LOUISIANA ST	MCKINNEY	TX	75069	4693025500
COUNTY RESIDENTIAL CENTER	4700 COMMUNITY DR	MCKINNEY	TX	75071	9725475400
DEAN AND MILDRED BENNETT ELEMENTARY	7760 CORONADO DR	MCKINNEY	TX	75070	4693025400
DOWELL MIDDLE	301 S E RDG RD	MCKINNEY	TX	75070	4693026700
DR JACK COCKRILL MIDDLE SCHOOL	1351 N HARDIN RD	MCKINNEY	TX	75071	4693027900
EARL & LOTTIE WOLFORD ELEMENTARY	6951 BERKSHIRE RD	MCKINNEY	TX	75070	4693024700
EL #22	1 DUVAL ST	MCKINNEY	TX	75069	4693024000
FAUBION MIDDLE	2000 ROLLINS ST	MCKINNEY	TX	75069	4693026900
FINCH EL	1205 S TENNESSEE ST	MCKINNEY	TX	75069	4693025600
GARY AND BOBBYE JACK MINSHEW ELEMENTARY	300 JOPLIN DR	MCKINNEY	TX	75071	4693027300
GLEN OAKS EL	6100 GLEN OAKS DR	MCKINNEY	TX	75070	4693026400
HERMAN LAWSON EARLY CHILDHOOD CENTER	1 DUVAL	MCKINNEY	TX	75069	4693024070
J B WILMETH EL	901 LACIMA DR	MCKINNEY	TX	75071	4693027400
J J A E P	1 DUVAL ST	MCKINNEY	TX	75069	4693024000
JESSE MCGOWEN EL SCHOOL	4300 COLUMBUS DR	MCKINNEY	TX	75070	4693027500
JOSE DE JESUS AND MARIA LUISA VEGA ELEMENTARY	2511 CATTLEMAN DR	MCKINNEY	TX	75070	4693025100
LEONARD EVANS JR MIDDLE SCHOOL	6998 W ELDORADO PKWY	MCKINNEY	TX	75070	4693027100
LIZZIE NELL CUNDIFF MCCLURE ELEMENTARY	1 DUVAL ST	MCKINNEY	TX	75069	4693024070
MCKINNEY BOYD HIGH SCHOOL	600 LK FOREST DR	MCKINNEY	TX	75070	4694245400
MCKINNEY HIGH SCHOOL	1400 W WILSON CREEK PKWY	MCKINNEY	TX	75069	4693025700
MCKINNEY NORTH HIGH SCHOOL	2550 WILMETH RD	MCKINNEY	TX	75070	4693024300
NAOMI PRESS EL SCHOOL	4101 SHAWNEE DR	MCKINNEY	TX	75070	4693027600
REUBEN JOHNSON EL	3400 ASH LN	MCKINNEY	TX	75070	4693026500
ROY LEE WALKER ELEMENTARY	4000 COCKRILL DR	MCKINNEY	TX	75070	4693024600
SCOTT MORGAN JOHNSON MIDDLE SCHOOL	3400 COMMUNITY DR	MCKINNEY	TX	75070	4693024900
SERENITY HIGH	2100 WHITE AVE	MCKINNEY	TX	75069	4693027830
SLAUGHTER EL	2706 WOLFORD ST	MCKINNEY	TX	75070	4693026100
THE L I N C CTR	2100 WHITE AVE	MCKINNEY	TX	75069	4693027800
VALLEY CREEK EL	2800 VLY CREEK TRL	MCKINNEY	TX	75070	4693024800
WEBB EL	810 E LOUISIANA ST	MCKINNEY	TX	75069	4693026000