

BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, KANSAS

Amended Agenda (revised wording to Item #3)

WEDNESDAY, JULY 24, 2013

4:00 p.m.

CONSENT AGENDA

- (1) (a) Consider approval of Commission Orders;
- (b) Approval of DOT Form 1302, Request for Construction Project, for replacement of E 1000 Road bridge over Washington Creek (Keith Browning)

REGULAR AGENDA

- (2) Consider waiving the bidding process and authorize staff to execute a contract with KanREN for one-year cost of \$21,300 with the option to renew for four additional years for Douglas County's Internet Service Provider (ISP).(Jim Lawson)
 - (3) Consider authorizing staff to purchase equipment and services in the amount of \$82,289.41 to complete phase 2 of the county telephone system replacement project.(Jim Lawson)
 - (4) (a) Consider approval of Accounts Payable (if necessary)
 - (b) Appointments
-Lawrence Douglas County Metropolitan Planning Commission - Vacancy
 - (c) Public Comment
 - (d) Miscellaneous
- (5) Adjourn

WEDNESDAY, JULY 31, 2013

WEDNESDAY, AUGUST 7, 2013

WEDNESDAY, AUGUST 14, 2013

WEDNESDAY, AUGUST 21, 2013

WEDNESDAY, AUGUST 28, 2013

Note: The Douglas County Commission meets regularly on Wednesdays at 4:00 P.M. for administrative items and 6:35 P.M. for public items at the Douglas County Courthouse. Specific regular meeting dates that are not listed above have not been cancelled unless specifically noted on this schedule.



DOUGLAS COUNTY PUBLIC WORKS

1242 Massachusetts Street
Lawrence, KS 66044-3350
(785) 832-5293 Fax (785) 841-0943
dgcopubw@douglas-county.com
www.douglas-county.com

Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From : Keith A. Browning, P.E., Director of Public Works/County Engineer

Date : July 15, 2013

Re : Consent Agenda approval of Request for Construction Project, DOT Form 1302
Federal STP funding for KDOT's Off-System Bridge Program
Replacement of DGCO Bridge No. 09.64N-10.00E

KDOT has issued a call for projects for its Off-System Bridge Program with selected projects to be let in FFY 2015. Federal law requires that a specific portion of a state's apportionment of Surface Transportation Program (STP) funds be used for replacement or rehabilitation of eligible bridges located on roads that are not on the federal-aid system. KDOT has established the Off-System Bridge Program to comply with this requirement, and programs approximately \$8 million annually for the program. The program is competitive and funds are awarded through an application process. KDOT requires that an application for a construction project under this program must be accompanied by a completed DOT Form 1302, Request for Construction Project.

We plan to apply for funding to replace Bridge No. 09.64N-10.00E. The bridge carries E 1000 Road over Washington Creek, and is located approximately 0.4 miles south of Route 458 on E 1000 Road. This road is classified as a Minor Collector road on the recently approved Functional Classification Map. The existing bridge is a 3-span, continuous steel bridge approximately 132 feet long that is posted for a 12-ton load limit. The existing bridge has two steel beam lines, which makes it one of three "fracture critical" bridges in Douglas County. Fracture critical bridges require a more in-depth and costly inspection every two years. The existing bridge has a Sufficiency Rating of 48.8. The CIP includes \$631,200 (assuming all local funding) for replacement of this bridge with construction scheduled for 2017. If our application for federal funding is successful, we will need to proceed rather quickly with engineering design with a KDOT bid letting no later than September 2015.

Action Required: Consent Agenda approval of DOT Form 1302, Request for Construction Project, for the replacement of DGCO Bridge No. 09.64N-10.00E, the bridge carrying E 1000 Road over Washington Creek. All three commissioners should sign the form.

KANSAS DEPARTMENT OF TRANSPORTATION
BUREAU OF LOCAL PROJECTS
REQUEST FOR CONSTRUCTION PROJECT

Submit One (1) Copy, With Map

County Douglas

WHEREAS: The Secretary of Transportation of the State of Kansas, hereinafter referred to as the Secretary, has been designated as agent for Douglas County under an agreement dated Nov. 19, 2004, or,

WHEREAS: The Secretary's agency for the City of will be designated under an agreement to be executed, and,

WHEREAS: the Federal-Aid Highway Act of 1956, as amended, and subsequent acts and amendments, provided Federal-Aid funds to assist the counties, cities and other political sub-divisions in improving their roads and streets, and,

WHEREAS: The above-noted county/city desires to improve a certain portion of their road or street system as is more fully described hereinafter, now, therefore,

BE IT RESOLVED: That the Secretary is hereby requested to program, for construction, that portion of road / street which is functionally classified as a Minor Collector on Route Number E 1000 Road located: 09.64 miles North & 10.00 miles East of the Southwest corner of Douglas County

Total Project Length (Km) 0.11 (Mi) Est. Let Date Sept 2015

ESTIMATED costs of such improvements are as follows:

Table with 2 columns: Description and Amount. Rows include Grading / Culverts / Storm Sewer (\$84,350), Surfacing (Type) HMA Comm. Gr. (\$37,145), Bridges (Number) 1 (\$465,878), Seeding (\$5,750), Other Mobil., Traf. Control, Staking (\$38,525), and ESTIMATED Total for Project (\$631,648).

Surveys and plans will be prepared by: Consultant

BE IT FURTHER RESOLVED: That sufficient funds of Douglas County are now, or will be available and are hereby pledged to the Secretary in the amount and at the time required for the supplementing of federal funds available for the completion of this project.

Day 24 Month July Year 2013, at Lawrence, Kansas.

Recommended for Approval:

APPROPRIATE LOCAL OFFICIAL(S)

Signature of Keith A. Browning, County/City Engineer or Administrator

Chairperson/Mayor

Member

ATTEST:

County/City Clerk

Member

REQUEST FOR CONSTRUCTION PROJECT

RR within 1/2 mile _____ RR Owner _____ County/City: _____

Area Served: General Farming Livestock _____ Oil/Gas _____ Industrial _____ Suburban Urban _____
 Others: _____

Utilities to be adjusted: Rural Water, Power, Telephone

Environmental Concerns: Parks No Wetlands No Other No

Traffic Data: Present AADT 150 Year _____ Estimated Future AADT 223 Year 2018

Existing Facilities:					Curb & Gutter	Storm Sewer		
Roadbed Width	Surface Type	Surface Width	Condition	Surface Thickness				
(M) 26.00	Chip Seal	(M) 24.00	fair	Estimated 6" base with chip seal		open ditch		
(Ft)		(Ft)						
Proposed Facilities:					Curb & Gutter	Storm Sewer		
Roadbed Width	Surface Type	Surface Width	Surfacing By:	Surface Thickness or Rate/Km or /Mi				
(M) 28.00	HMA-Comm. Gr.	(M) 26.00	Contractor	8"		open ditch		
(Ft)		(Ft)						
Existing Bridges:					Safe Load	Suff. Rating	Rating Year	Posted
NBIP Structure Number	Structure Type	Over-all Length		Clear Roadway				
000231037004544	Cont. Stl. Beam	132.00	24.00	15T	48.80	2012	12 T	
		(M) (Ft)	(M) (Ft)					
		(M) (Ft)	(M) (Ft)					
Proposed New Bridges:					Safe Load	Suff. Rating	Rating Year	Posted
Structure Type		Over-all Length		Clear Roadway				
R.C. Haunched Slab		150.00	28.00					
		(M) (Ft)	(M) (Ft)					
		(M) (Ft)	(M) (Ft)					
Railroad Crossings:					Present Protection	Proposed Protection		
Company Name		No. of Tracks	Main Tracks	Other Tracks			Avg. Trains Daily	Min. Vis. @ 300'
		2	2	2	200002	30000'	None	

Comments: Replace existing fracture critical (2 beam lines), load posted bridge

REQUEST FOR CONSTRUCTION PROJECT

In accordance with the Bureau of Local Projects (BLP) Memo 99-11, dated December 16, 1999, we are required, under the Comprehensive Transportation Program (CTP) to collect and record total costs of all work phases of projects. This includes local agency federal-aid and state-aid projects that include any non-participating, pre-construction local agency costs for preliminary engineering (plan design), rights of way and utility adjustments.

Please show below your estimate of the cost of any of the following non-participating work phases for this proposed project.

Preliminary Engineering (PE)

Please estimate the payments you will make to your consultant. If your agency will perform its own PE, include your estimated direct costs plus overhead.

Rights of Way (R/W)

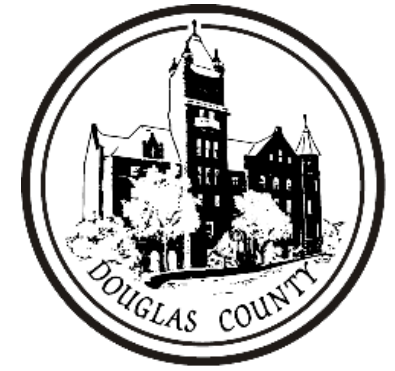
Please estimate the payments you will make to landowners.

Utility Adjustments (UTIL)

Please estimate the total of any payments you will make to utility companies for adjustments to utilities located on private easements.

ESTIMATED non-construction costs are as follows:

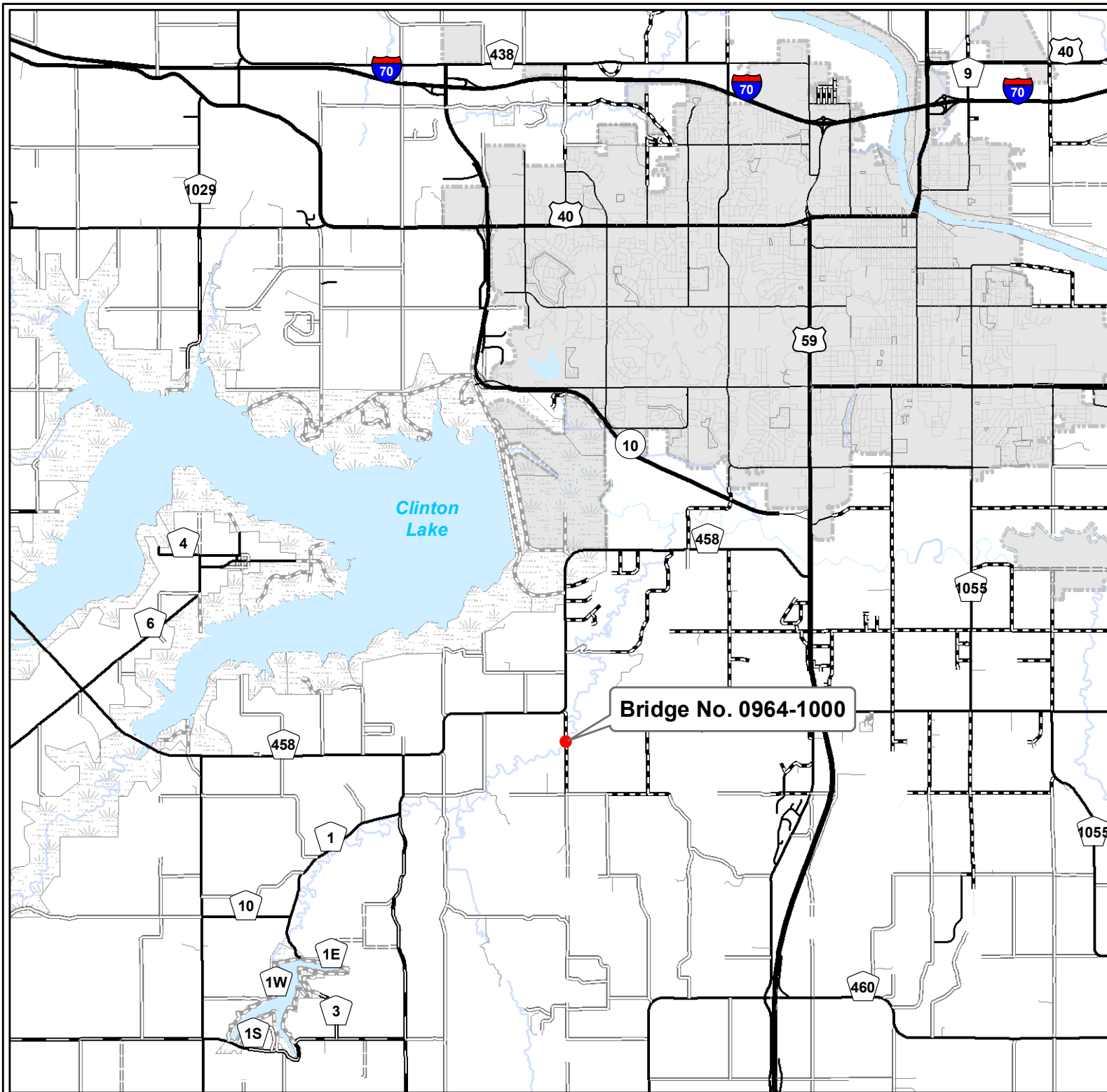
Preliminary Engineering _____	\$ <u>75,000</u>
Rights of Way _____	\$ <u>12,000</u>
Utility Adjustments _____	\$ <u>10,000</u>
Other _____	\$ _____
ESTIMATED Total for Project	\$ <u><u>97,000</u></u>



Bridge No. 0964 N - 1000 E

**DOUGLAS COUNTY, KS
PUBLIC WORKS**

1242 Massachusetts Street
Lawrence, KS 66044-3350
(785) 832-5293 Fax (785) 841-0943
www.douglas-county.com



0 1 2
Miles

Date: July 15, 2013
Produced By: Douglas Co Public Works GIS

MAP DISCLAIMER: All data, information, and maps are provided "as is" without warranty or any representation of accuracy, timeliness of completeness. The burden for determining accuracy, completeness, timeliness, merchantability and fitness for or the appropriateness for use rests solely on the requester. Douglas County makes no warranties, express or implied, as to the use of the information obtained here. There are no implied warranties of merchantability or fitness for a particular purpose.



MEMORANDUM

To: Board of County Commissioners
From: Jim Lawson, Director of Information Technology
CC: Craig Weinaug, Sarah Plinsky
Date: 7/19/2013
Subject: Internet Service Provider

Overview

Currently Douglas County is using a 20Mb bi-directional connection to the Internet supplied by AT&T to conduct the county's on-line business and provide information and services to the citizens of Douglas County. Our current contract costs \$24,948 per year and will expire in January 2014. Douglas County Information Technology performed an analysis of the county's current bandwidth usage and determined the bandwidth to be maxed out on a regular basis.

The bandwidth needs of the county will continue to grow in the future for various reasons. Internet content increasingly includes more video and audio type information which requires more bandwidth to be usable. County departments are using cloud based systems which require more bandwidth to provide the same level of performance as those hosted in-house. In addition, more bandwidth will allow the county to improve its service capabilities to the public.

It was also discovered that the Sheriff's Office has their own internet connection costing about \$150 per month that is currently not meeting their needs. Douglas County Information Technology recommends increasing our Internet connection speed to 100Mb with the option to increase it in the future and sharing this connection with the Sheriff's network.

Proposal

To meet our current needs and prepare us for the future, I propose that we switch our service from AT&T and go with KanREN as our Internet Service Provider (ISP).

KanREN is a non-profit Internet service provider that specializes in government and education services. KanREN provides ISP services for KU, K-State, KU Medical, Johnson County Community College and many other organizations. KanRen's offices are located in Lawrence at the Bioscience & Technology Business Center (BTBC) Expansion Facility located at 4950 Research Park Way. KanREN is a founding member of Internet2, which is an advanced not-for-profit United States networking consortium led by members from the research and education communities, industry, and government.

KanREN Website: <http://www.kanren.net>

KanREN Network: <http://www.kanren.net/images/KanREN%20Backbone%20L2%20v4-6.pdf>

Although KanREN has focused on educational institutions, its charter allows for providing service to city and county governments, and community anchor institutions. In fact, KanREN has obtained approval from its board of directors to work with local governments. With KanREN's headquarters located in Lawrence, KanREN personnel believe that the City of Lawrence and Douglas County are the most logical organizations with which to begin.

KanREN is offering to provide Douglas County with a 100Mb bi-directional connection for \$21,300 a year (quote attached) that includes 24x7 hour support and monitoring with the ability for the county to increase its bandwidth in the future if needed. This service would provide the county with 5 times the amount of bandwidth that it currently has for less than it is paying now. This increase would allow Douglas County Information Technology to share the connection with the Sheriff's office and save the county \$5448 a year. Douglas County would also become a member of KanREN and have a voice when prices are set or new services are discussed.

To verify this is a good price in today's market I reviewed the RFP for Internet Service that was released by the City of Lawrence in January of 2013. The city was currently using the same service from AT&T as the county and had the same needs. They also wanted to upgrade their connection to 100Mb. The city received responses from six vendors: AT&T, KanREN, Knology, Mercury Wireless, MiTel, and Wicked Broadband. The matrix below details the proposals received.

Vendor Name	Year #1 Costs	Year #2 Costs	Year #3 Costs	Total 3-Yr Costs	Optional IP's	Total w/Option
KanREN	\$22,800.00	\$21,800.00	\$21,800.00	\$66,400.00	No Costs	\$66,400.00
Knology	\$24,000.00	\$24,000.00	\$24,000.00	\$72,000.00	No Costs	\$72,000.00
AT&T	\$25,526.40	\$25,526.40	\$25,526.40	\$76,579.20	No Costs	\$76,579.20
Mercury Wireless.	\$41,026.08	\$41,026.08	\$41,026.08	\$123,078.24	\$1,440.00	\$124,518.24
Wicked Broadband.	\$47,988.00	\$47,988.00	\$47,988.00	\$143,964.00	\$11,520.00	\$155,484.00
MiTel	\$58,839.00	\$58,839.00	\$58,839.00	\$176,517.00	No Costs	\$176,517.00

KanREN provided the best costs for the services requested and was therefore chosen by the city. At KanREN's annual meeting it was decided to lower the annual membership cost. Douglas County's quote from KanREN is slightly lower than the city's due to this change.

Timeline

Douglas County Information Technology would like to have this connection in place by September 30, 2013. The reason it is needed ahead of the expiration of the current contract is the county will be getting all new external network addresses. The county's current addresses belong to AT&T. This requires a change of all references from the old network addresses to the new addresses. If this is performed over a period of 3-4 months it will cause minimal disruption to the network and the services that Douglas County provides to the public.

Recommendation

Waive the formal bidding process and authorize Douglas County Staff to accept and sign the quotation from KanREN for 1 year at a cost of \$21,300 with the option to renew for 4 additional years. I will be at the meeting to answer any questions that you might have. Thanks for your consideration of this proposal.

Jim Lawson



I.T Director
Douglas County, KS

Quotation



Quote Number: 13071509550300374
Quote Publish Date: 07/15/2013
Quote Date of Expiration: 08/14/2013
Billing Period: 07/01/2013 to 06/30/2013

KanREN Staff: Erica McDiffett
 Phone: (785) 856-9820
 Email: info@kanren.net

Return signed quotations by Fax to (785) 856-9877 or Email to info@kanren.net.

Account Address
 Douglas County

Service Address
 1736 Engel Rd
 Lawrence, KS 66045

Acceptance of this quotation will constitute an official authorization to proceed with ordering products and services and scheduling installation of said products and services.

Products & Services

Membership

Description	Quantity	Schedule	Price
Membership The membership fee allows a KanREN, Inc. consortium member to participate in the consortium, and to purchase KanREN network services. KanREN membership is a core component to KanREN's fee structure. The KanREN consortium was created to facilitate communication among colleges, universities, school districts and other organizations in Kansas, and to provide connectivity to the Internet to these organizations via a statewide network. All members pay the same membership fee, regardless of size of institution.	1.1.1 1	Yearly	\$500.00

Connectivity Services

Description	Quantity	Schedule	Price
Network Use This fee is for all aggregated KanREN Network participants. This is the layer 3 (IP, or Internet) portion of the network connection. It also covers the cost of lateral peering that takes place with local telecommunications providers, and on-net caches that are strategically located on the KanREN network. (\$11.50/Mb/month)	2.2.2 100	Yearly	\$13,800.00
Infrastructure No Site Equipment This fee is based on the portion of shared core resources used by the member.	2.3.5 1	Yearly	\$1,500.00
Network Support 24 Hour This fee allows KanREN to monitor, manage, maintain, and operate the network. This fee is for 24 hour support, 365 days a year with a maximum response time of 1 hour during business hours and 4 hours during secondary business hours and holidays.	2.4.2 1	Yearly	\$5,000.00
Internet2/US UCAN Access This fee covers KanREN's expense to provide Internet2 connectivity to its members. Internet2 access is a core component of KanREN's network connectivity service and is required.	2.5.3 1	Yearly	\$500.00
IPv4 Addresses This section covers the provisioning of IPv4 IP addresses to members. The number of addresses per site varies on a need basis; however, KanREN's standard assignment is 256 unique public addresses. This is also known as a /24. Additional IPv4 address space can be assigned at any point, typically within hours of the request.	2.8.1 126	Included	\$0.00

All Services

\$21,300.00

Acceptance Signature _____ Date _____



MEMORANDUM

To: Board of County Commissioners
From: Jim Lawson, Director of Information Technology
CC: Craig Weinaug, Sarah Plinsky
Date: 7/19/2013
Subject: Telephone System Replacement

Overview

We have completed Phase 1 of the phone system replacement project that the Commission approved previously and are now ready to proceed with Phase 2. I have attached the original memo that contains details on this project for your review.

Phase 2 will replace the old phone system hardware in our remote locations and connect them back to the primary phone system located in the JLE building. This phase will install G450 or G430 media gateways at the Jail, Public Works shop, Youth Services, South Lawrence Treasurer/Zoning and Fairgrounds locations. These gateways will allow us to connect these remote offices back to the central system using communication lines already in place. This will allow us to provide their phone service from the central location and replace their aging separate phone systems. This solution will be much easier to manage and will provide the remote offices with the same capabilities as the central location. In addition, each of these gateways will have local survivability. This means they will still have the ability to make and receive calls, even if the communication line to the central facility is down. When this phase is completed we will be able to reduce our annual costs for Plexar services to about \$10,000 a year, saving the County approximately \$38,000 a year. We need to keep some of the Plexar services to provide the survivability to the remote offices.

Costs and Funding

Phase 2 is much more complicated than Phase 1. It involves several companies and 6 locations and will take a lot of planning to accomplish. We have performed a detailed analysis of each remote location to determine all of the needs to complete this project. Below is a table that breaks out the cost of each of the activities that need to be done and who we propose to use to provide the equipment or service. Also included as separate attachments is the detailed cost breakdown for all equipment and services.

Company	Description	Cost	Notes
AT&T	Move 191 Plexar numbers to our main phone system	\$1,995.00	
SKC	All Gateways and phone system boards for all locations, installation and programming	\$46,817.10	State of Kansas contract 05771
R&R Communications	All needed network wiring, racks and terminations	\$3,159.31	
CDWG	All network switches, fiber modules, patch cables	\$8,938.00	Government contract

To bid	Phone price provided is average cost for 95 phones	\$19,880.00	Informal bid
Ted Upstill	Move analog telephone wiring and remove old phone system hardware when project complete	\$1,500.00	
Total		\$82,289.41	

We anticipated the need to replace the main phone system and bring the remote locations back to the central location and have adequate funds in reserve account 232-21120 specifically targeted for this project.

Recommendation

Authorize Douglas County staff to purchase the goods and services listed above in the amount of \$82,289.41 with the authorization for staff to approve any incidental costs not to exceed 5% of the total amount. This will allow us to complete Phase 2 of this project.

Thanks for your consideration and I will be at the meeting to answer any questions you might have.

Jim Lawson



I.T Director
Douglas County, KS



MEMORANDUM

To: Board of County Commissioners
From: Jim Lawson, Director of Information Technology
CC: Craig Weinaug, Sarah Plinsky
Date: 9/19/2012
Subject: Telephone System Replacement

Overview

Douglas County's phone system is in need of major upgrades. The main hardware cabinet that supports the analog and digital phone lines was manufactured in approximately 1978 and has served us well, but it is definitely showing its age. We did replace the phone system CPU and voice mail system in 2004 but this equipment is now at the end of its life and again needs to be replaced. Douglas County is using separate phone systems at the Jail, Youth Services, Public Works Shop and the South Lawrence Treasurer/Zoning office. These phone systems are also old, reaching the end of their life and do not allow for integration with our central system. In addition, the remote phone systems use a service called Plexar which provides the PBX functions to the remote offices. Examples of PBX functions are: ability to make and receive calls, caller id, call forwarding, call hold, direct inward dialing, call pickup, 3 way calling, etc. We currently pay \$48,475 a year for Plexar services for all of the remote offices combined.

Process

We have been working with SKC Communications from Kansas City to help us develop a plan to upgrade our phone system, give us the ability to provide phone services to our remote locations from our central location, reduce our costs and to position us for the future. We have developed a 2-phase plan to accomplish this.

Phase 1: Replace telephone hardware and software in primary location in the JLE building

This phase will replace the old refrigerator sized hardware equipment with 4 rack-mounted G450 equipment enclosures that will support all of our analog, digital and IP lines used at the central location. The central location provides phone service to the JLE building, Court House and the Public Works facility at 12th and Massachusetts. We will also replace the phone system server central processing unit and server voice mail system with a single rack-mounted server that will support all of our phone functions, voice mail functions and provide us with the ability to bring our remote sites back to the central system to provide them phone services without having to have separate systems. With the new hardware we will also be getting new phone system software that will greatly expand our system capabilities by giving us the ability to seamlessly have our desk phones ring to our mobile devices, move a call in progress to a different device, make and receive calls directly at our computer and utilize our Outlook contact list to initiate calls. In addition, it will allow us to convert more of our phones to IP type phones that are easier to administer and that use existing network cabling.

Phase 2: Replace remote office phone system hardware and connect to the primary location

This phase will install G450 or G430 media gateways at the Jail, Public Works shop, Youth Services, South Lawrence Treasurer/Zoning and Fairgrounds locations. These gateways will allow us to connect these remote offices back to the central system using communication lines either already in place or planned in the near future. This will allow us to provide their phone service from the central location and replace their aging separate phone systems. This solution will be much easier to manage and will provide the remote offices with the same capabilities as the central location. In

addition, each of these gateways will have local survivability. This means they will still have the ability to make and receive calls, even if the communication line to the central facility is down. When this phase is completed we will be able to reduce our annual costs for Plexar services to under \$10,000 a year saving the County approximately \$38,000 a year. We need to keep some of the Plexar services to provide the survivability to the remote offices.

Costs and Funding

We have received a detailed quote from SKC Communications utilizing State of Kansas Contract 05771 for Phase 1 of this project. It is attached to this memo. The total quote amount for Phase 1 is \$121,907.35. This quote includes the first year hardware and software maintenance. In 2013 and 2014 the annual hardware and software maintenance costs will be \$21,288 per year. We are currently paying \$17,636.28 per year which only covers the hardware. Even though our maintenance will increase \$3,651.72, we would have access to software updates to keep our phone system up to date.

I have also received a preliminary quote for Phase 2 of this project utilizing the same State of Kansas Contract. At this time that quote is \$78,238. This price might change a few thousand dollars depending on whether we can reuse some existing equipment or need to purchase new. I will bring this back to the commission with firm numbers if Phase 1 is approved.

We anticipated the need to replace the main phone system and bring the remote locations back to the central location and have adequate funds in reserve account 232-21120 specifically targeted for this project.

Recommendation

Authorize Douglas County Staff to utilize State of Kansas Contract 05771 to purchase the equipment and services listed on the attached quote from SKC Communications in an amount not to exceed \$121,907.35. This will allow us to complete Phase 1 of this project.

Detailed Costs
Phase 2 Phone Project

Task	Cost per	Number	Total
Move 70 reserved not used nbrs and 20 phase 1 nbrs	\$10.50	90	\$945.00
Move 26 nbrs YS	\$10.50	25	\$262.50
Move 75 nbrs Jail	\$10.50	75	\$787.50
One-time costs AT&T			\$1,995.00
SKC			\$46,817.10
Ted Upstill charges			\$1,500.00
Jail			
HP 3600-24-PoE+ (JG301A) switch	\$2583	1	\$2,583.00
HP 3600-48-PoE+ (JG302A) switch	\$3508	1	\$3,508.00
SFP - LC MM SX (JD118B)	\$353	2	\$706.00
SFP - LC SM LH	\$0	0	\$0.00
Fiber Jumper - 3m, MM, LC-to-ST	\$25	2	\$50.00
Patch Cable - 2' (black)	\$3	56	\$168.00
Patch Cable - 10' (black)	\$5	56	\$280.00
Phones 9608	\$200.00	56	\$11,200.00
Patch in 56 cables	\$1,600.00	1	\$1,600.00
Patch panels 1st and 3rd			
Run 2 cat 5 to basement for phones			
Extend PRI line to 1st floor closet from basement			
TR South Lawrence			
Patch cables - 10"	\$5.00	8	\$40.00
New Rack cabling	\$557.00	1	\$557.00
Phones 9611G	\$230.00	8	\$1,840.00
YS			
Rack in back room for G430	\$754.13	1	\$754.13
Run cat 6 cable to front for G430			
2 digital phones for 1313, 1312, and 1344?	\$200.00	2	\$400.00
20 patch cables 10 ft	\$5.00	20	\$100.00
Phones 9611G	\$230.00	20	\$4,600.00
Fairgrounds			
Phones 9611G 1 for Doug, 1 for shop	\$230.00	2	\$460.00
Switch with fiber module shop HPJ9298A 2 sfp	\$738.00	1	\$738.00
sfp 2 1 for Dreher and 1 for shop J4858c	\$128.00	1	\$128.00
sfp shop 3Csfp91	\$89.00	1	\$89.00
2 meter fiber patch cables	\$24.00	2	\$48.00

Detailed Costs
Phase 2 Phone Project

Patch Panel shop	\$248.18	1	\$248.18
Terminate and patch in 2 cables on 1st			
Patch cables 10 ft	\$5.00	2	\$10.00
Patch cables 2 ft	\$3.00	2	\$6.00
In shop need ups	\$211.00	1	\$211.00
PW Shop			
Patch cables 10 ft	\$5.00	4	\$20.00
Patch cables 20 ft	\$10.00	2	\$20.00
Patch cables 2 ft	\$3.00	1	\$3.00
Phones 9611G	\$230.00	6	\$1,380.00
10 base t/2 media converter and box	\$230.00	1	\$230.00
Total			\$82,289.41



Avaya Quote

Prepared For: Douglas County - Contract#05771	Contact: Nick Krueger
Date: 6/27/2013	Phone: 913.543.7206
Contract: State of KS	

Project Details & Pricing

Location	QTY	Description	Purchase Price	
JLE	225170	74 AVAYA AURATM ENT ED R6 1-100 ADD LIC	\$ 208.00	\$ 15,392.00
JLE	259401	1 MEDIA ENCRYPTION R6+/MBT	\$ -	\$ -
JLE	269367	74 ENT ED R6 SM SIP CONN R6 LIC /E	\$ -	\$ -
JLE	269407	74 ENT ED R6 PS R6 LIC /E	\$ -	\$ -
JLE	269423	74 ENT ED R6 B5800 SURV STN R6 LIC /E	\$ -	\$ -
JLE	269424	74 ENT ED R6 B5800 SIP TRNK R6 LIC /E	\$ -	\$ -
JLE	269901	74 ENT ED R6 ONE-X COMM R6 LIC /E	\$ -	\$ -
JLE	269902	74 ENT ED R6 AES UNFD DSK R6 LIC /E	\$ -	\$ -
JLE	269904	74 ENT ED R6 EC500 SM R9 LIC /E	\$ -	\$ -
JLE	269906	74 ENT ED R6 ONE-X CES R6 LIC /E	\$ -	\$ -
JLE	270054	74 ENT ED R6 CMM R6 LIC /E	\$ -	\$ -
JLE	272731	1 APS NTWK READINESS ASSESSMENT-VENDOR PRV	\$ -	\$ -
JLE	700504627	1 AVAYA AURATM SYS PLATFORM 6.2.2 CD	\$ 32.50	\$ 32.50
PW Shop	193806	1 UTILITY TRIGGER REM GATEWAY NEW SITE	\$ -	\$ -
PW Shop	272731	1 APS NTWK READINESS ASSESSMENT-VENDOR PRV	\$ -	\$ -
PW Shop	405362641	1 PWR CORD USA	\$ 14.95	\$ 14.95
PW Shop	700476393	1 G430 MEDIA GATEWAY NON-GSA	\$ 975.00	\$ 975.00
PW Shop	700504627	1 AVAYA AURATM SYS PLATFORM 6.2.2 CD	\$ 32.50	\$ 32.50
PW Shop	MM711 Ref	1 MM711 Analog card - refurb	\$ 472.50	\$ 472.50
TR SL	193806	1 UTILITY TRIGGER REM GATEWAY NEW SITE	\$ -	\$ -
TR SL	272731	1 APS NTWK READINESS ASSESSMENT-VENDOR PRV	\$ -	\$ -
TR SL	405362641	1 PWR CORD USA	\$ 14.95	\$ 14.95
TR SL	700476393	1 G430 MEDIA GATEWAY NON-GSA	\$ 975.00	\$ 975.00
TR SL	700504627	1 AVAYA AURATM SYS PLATFORM 6.2.2 CD	\$ 32.50	\$ 32.50
TR SL	MM711 Ref	1 MM711 Analog card - refurb	\$ 472.50	\$ 472.50
Fair Grounds	193806	1 UTILITY TRIGGER REM GATEWAY NEW SITE	\$ -	\$ -
Fair Grounds	272731	1 APS NTWK READINESS ASSESSMENT-VENDOR PRV	\$ -	\$ -
Fair Grounds	405362641	1 PWR CORD USA	\$ 14.95	\$ 14.95
Fair Grounds	700476393	1 G430 MEDIA GATEWAY NON-GSA	\$ 975.00	\$ 975.00
Fair Grounds	700504627	1 AVAYA AURATM SYS PLATFORM 6.2.2 CD	\$ 32.50	\$ 32.50
Fair Grounds	MM711 Ref	1 MM711 Analog card - refurb	\$ 472.50	\$ 472.50
YS	193806	1 UTILITY TRIGGER REM GATEWAY NEW SITE	\$ -	\$ -
YS	272731	1 APS NTWK READINESS ASSESSMENT-VENDOR PRV	\$ -	\$ -
YS	405362641	1 PWR CORD USA	\$ 14.95	\$ 14.95
YS	700476393	1 G430 MEDIA GATEWAY NON-GSA	\$ 975.00	\$ 975.00
YS	700504627	1 AVAYA AURATM SYS PLATFORM 6.2.2 CD	\$ 32.50	\$ 32.50
Jail	193806	1 UTILITY TRIGGER REM GATEWAY NEW SITE	\$ -	\$ -
Jail	MM711 Ref	1 MM711 Analog card - refurb	\$ 472.50	\$ 472.50
Jail	272731	1 APS NTWK READINESS ASSESSMENT-VENDOR PRV	\$ -	\$ -
Jail	405362641	2 PWR CORD USA	\$ 14.95	\$ 29.90
Jail	700406101	1 DS1 LOOPBACK JACK 700A RHS	\$ 110.50	\$ 110.50
Jail	700406267	1 S8300/S8400 CD/DVD ROM DRIVE RHS	\$ 227.50	\$ 227.50
Jail	700459456	1 G450 MP80 W/POWER SUPPLY NON-GSA	\$ 5,525.00	\$ 5,525.00
Jail	700459498	1 G450 POWER SUPPLY	\$ 650.00	\$ 650.00
Jail	700463532	1 S8300D SERVER - NON GSA	\$ 2,340.00	\$ 2,340.00
Jail	MM710 B Ref	1 MM710B E1/T1 MEDIA MODULE - Refurb	\$ 900.00	\$ 900.00
Jail	700504627	2 AVAYA AURATM SYS PLATFORM 6.2.2 CD	\$ 32.50	\$ 65.00
Jail	700395445	1 120A CSU CABLE 50FT RHS	\$ 56.55	\$ 56.55
Jail	MM711 Ref	1 MM711 Analog card - refurb	\$ 472.50	\$ 472.50
Jail	MM710 B Ref	1 MM710 DS1 card with CSU and loop back - refurb	\$ 950.00	\$ 950.00
Total Hardware/Software			\$	32,731.25
Support Advantage Preferred/Software			\$	1,152.18
Support Advantage - Hardware Onsite 8x5			\$	3,433.68
Installation, Project Management, Training			\$	9,500.00

Quote Total \$ 46,817.11

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