

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the matter of)
Modernizing the E-rate) WC Docket No. 13-184
Program for Schools and Libraries)

**COMMENTS BY A Concerned Mississippi Technology Coordinator
RELATED TO FOCUSED COMMENT ON E-RATE MODERNIZATION**

This is the submission of Marvin Adams from the Columbia School District in Columbia Mississippi. I am submitting these comments because I am concerned with the way the FCC is allowing our State Master Contract to be used in Mississippi.

The fundamental fact regarding the implementation of a Modern E-Rate is that we must do everything possible to ensure that we are getting the best pricing possible for services subsidized by the E-Rate fund. I believe changes must be made by the commission regarding State Master Contracts, especially the Mississippi Contract 4000-1 if this goal is to be achieved.

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A group of my peers have submitted a response that indicates some of the issues we see in Mississippi regarding the ease of using the State Master Contract vs. completing both a formal bid process and the 470 process.

I have personally helped over 15 districts complete the bid process. In nearly every case the people involved were scared and uncertain about the complexity of the process. I believe as long as the SMC can be used without any other competitive process, the majority of Mississippi K12 districts will use it.

For the past 4 years several of us have encouraged districts to bid for services if for no other reason than to find out what is available to them. This is precisely what I believe is expected of us by the E-Rate program. We have offered help in the process. I have constructed a Web site with step by step instructions on merging the State Formal Bid Process with the 470 process including sample documents and templates. Even though all these aids and assistance are free, the districts still choose the SMC because to use it requires very little additional effort.

We have found that in most cases, when a district bids, the pricing they receive from the vendors is far less than the SMC price for the same services.

There are some things about the SMC that disturb me that I believe, although legal in Mississippi, works against the intent of the E-rate program's open and competitive procurement intentions. I hope as you reconstruct the program, you will give careful consideration to addressing these issues.

First, I must reiterate that not a single thing I am about to point out is illegal in Mississippi. To my knowledge, no one has ever implied otherwise. My concern is that the practices do not adhere to the competitiveness that is fundamental to the E-rate program.

- 1) The Mississippi SMC, Contract 4000-1, was signed in 2005 as a single vendor contract. AT&T was the only company that could practically service all of the various components of the contract at that time. The contract was for 10 years ending in 2016. In the field of technology, many things can happen in 10 years that change the market; additionally, with a 10 year contract, others who can now provide services are effectively locked out of participation in the SMC or the E-rate process.
- 2) In late 2013, Contract 4000-1 was extended from 2016 to 2018 without any apparent competition and without allowing other providers now in the market to participate.

- 3) When districts began acquiring Internet service from other companies through the bid process, a circuit type was added to the SMC that is similar to the type of circuit the other service providers were selling. We were told that this type of circuit was not on the original contract. Somehow, a price was determined for this new circuit although not through any obvious competitive process. However, because this circuit is now on the SMC, districts are allowed to purchase them with E-rate funds with no additional competitive procurement process.
- 4) This year, as other providers began to sell hosted VoIP services, hosted VoIP was added to the SMC, again without any apparent competitive price determination. Because it is on the SMC, this service is now eligible for E-rate funding without any competitive process.

An SMC purchase is the only circumstance of which I am aware that a price can be used by a district for an E-rate purchase without some sort of competitive process to determine that price.

The announcement of the addition of hosted VoIP to the contract can be found on the state E-rate mailing list. See below. The mailing list and archive site is maintained by the SMC holder Information Technology Services (ITS), a Mississippi state agency:

<http://mailman.ms.gov/pipermail/itserate/2014-February/000643.html>

I have attached a printout of the message. The site was open to the public at the time I printed it.

- 5) The SMC maintains two pricing structures for broadband services. One price if the district signs a 3 year service agreement and a much higher price if not. Once a district signs such an agreement, they are obviously unable to competitively bid for prices until the service term is up.

I have no issue with the lower price for the long term agreement but I do have a problem with the FCC allowing districts to enter into such an agreement without a competitive process to determine if the price is a good one for the district.

I have been accused of being two faced because I applaud the multi-year agreements with the other vendors but I have issues with the three-year agreement from the SMC. The difference is very simple. The agreements I applaud are a result of a competitive bid process. The pricing for the agreements derived from the SMC do not appear to have been determined by any competitive process at all.

As a taxpayer myself, I do not believe that any government entity should be making purchases without some sort of competitive price determination. I sincerely hope that the FCC, in the reconstruction of the E-rate program, will find some way to correct this sort of behavior.

- 6) The way they are manipulating the three-year agreements derived from SMC purchases bothers me as well. Every few years there is a price redetermination for pricing on the SMC. For the first few years of the contract there was little movement, but since then, most likely due to market pressure resulting from 26% of the districts in the state going to the trouble of a formal bid process and getting substantially lower prices, the SMC prices have dropped significantly. These prices are contingent on the district signing the three-year agreement. Otherwise, they pay the price as it was before the last two price redeterminations took place.

This current year we are in year two of the initial 3 year service agreements. Just prior to the 471 window opening this year, ITS announced that there are new better prices for broadband services with a three-year agreement. This new pricing is less than the previous pricing but it is higher than the current market in Mississippi. However, if a district wishes to take advantage of those prices, they have to sign a new three-year agreement, again, without the benefit of any competitive process. Since doing so gives districts a year and a half of better pricing, it would be foolish for them not to take the lower pricing, sign the agreement and in effect eliminate the possibility of a competitive process for another three years.

When districts sign a new three-year agreement, they extend the initial agreement to 5 years. This could conceivably continue at least until 2018 when the contract expires effectively eliminating competition.

This practice may be perfectly legal, but it is not right and hopefully will be addressed in the Modernized E-rate Program

These practices along with the fact that it is just easier to make a purchase from a SMC rather than go to the trouble of bidding are causing many miles of BTOP fiber to lay dormant in Mississippi because many school districts where the fiber is located are not making the effort to bid for services. Without that bid, the BTOP service provider has no way to provide services.

There are several districts in the state where the BTOP fiber is on the campuses and even though the provider will provide services for much less than the SMC price, the districts are not bidding because it is easier to use the SMC and forgo the bid process.

All of the tactics listed are legal and apparently sanctioned by the FCC. I urge you to consider safeguards in the new program that will prevent these practices, so we can make the best use of the funds to accomplish the stated goals of the new program.

My suggestions for your consideration are as follows:

- 1) First, please look at P1 requests since 2010. As we were significantly increasing bandwidth both for WAN circuits and Internet, P1 funding requests remained fairly stagnant and will probably drop for 2014. This downward trend could accelerate if everyone in Mississippi would competitively bid for P1 services, including the Mississippi Department of Education.
- 2) Do not allow any E-Rate recipient to enter into a multi-year agreement without the benefit of a competitive process of some kind. Obviously, this would include a multi-year agreement derived from a SMC.
- 3) Unless it is impossible, SMCs should be multi-vendor contracts. If the Mississippi SMC were multi-vendor, districts and libraries would simply have to complete a 470 mini-bid to obtain services from the contract. I believe this one step would alleviate most of the anxiety experienced by districts unsure of the current bid process. I am positive, if all providers are allowed to participate, the costs for services in Mississippi would drop significantly.
- 4) There should be some sort of competitive process implemented by districts before purchasing broadband services from either a consortium or from a SMC. In Mississippi, access to good pricing varies from locality to locality. The ONLY way to know what the best price available is to have a competitive process. The fact that it is a SMC or consortium purchase does not, at least in Mississippi, guarantee that it is the best price.

Attachments

1) Below is the email announcing the new Hosted VoIP service on the SMC. This is added to show that the service was added 8 years after the contract was first signed.

1) [Itserate] Hosted VOIP as part of 4000-1

Gary Rawson [Gary.Rawson at its.ms.gov](mailto:Gary.Rawson@its.ms.gov)

Thu Feb 6 10:56:19 CST 2014

- Previous message: [\[Itserate\] ATT quotes](#)
- Next message: [\[Itserate\] Hosted VOIP as part of 4000-1](#)
- **Messages sorted by:** [\[date \]](#) [\[thread \]](#) [\[subject \]](#) [\[author \]](#)

We have added Hosted VOIP Services to the contract. The SPIN for this services is AT&T Corp (143001192) Otherwise, there is no change to the other information: Same contract number, same 470, same dates, same ole - same ole.

Gary Rawson Federal Programs Coordinator MS Department of Information Technology Services 601-432-8113 | www.its.ms.gov [cid:image003.jpg at 01CF232A.1117BA40] **DISCLAIMER:** This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. ----- next part ----- An HTML attachment was scrubbed... URL: <http://mailman.ms.gov/pipermail/itserate/attachments/20140206/df29be54/attachment.html> ----- next part ----- A non-text attachment was scrubbed... Name: image003.jpg Type: image/jpeg Size: 4466 bytes Desc: image003.jpg Url : <http://mailman.ms.gov/pipermail/itserate/attachments/20140206/df29be54/attachment.jpg>

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[More information about the ITSErate mailing list](#)

Below find a copy of a spreadsheet some interested Mississippi Technology Coordinators maintain of Internet pricing and bandwidths used by Mississippi School Districts. The data comes from the Mississippi Department of Education or the districts listed.

This spreadsheet was constructed to inform the TCs in Mississippi. We believe this should be done nationwide because transparency in pricing is one of the keys to efficient purchases. This is addressed in the response from METLA, Mississippi Educational Technology Leaders Association, to this public notice.

The sheet shows the student population of each district, the bandwidth they will be using when school starts in August 2014 and the price they, or the Mississippi Department of Education will be paying for it. It breaks down to bandwidth per student and cost per student to show the efficiency of each solution. In addition it is a useful planning tool to calculate the additional funding necessary to meet the President's goal of 100Mbps per 1,000 students (0.100 or higher in the Mb/Stu column)

The SMC has two types of Internet Circuits. MIS which is an ethernet circuit that connects to the AT&T public Internet connection. This circuit was added to the SMC when districts began to purchase services from other providers. The MIS circuits are direct competition to the circuits being sold by the other providers. MPLS is a layer 3 managed circuit either Frame Relay or Ethernet. The cost of the circuit shown for each district DOES NOT connect them to the Internet. There is an additional cost of \$5.00 per Mbps, noted on the last two lines of the sheet, for their connection to the Internet. State leaders frequently brag that we pay only \$5.00 per Mbps for Internet yet they continually fail to mention that the transport circuit cost to get it to the schools is between \$10.00 and \$45.00 per Mbps EXTRA. Please note that the average price for new bids is about \$6.00 per Mbps INCLUDING THE TRANSPORT CIRCUIT!!

The Mississippi Department of Education is required by State law to purchase from the SMC. They pay for all but one of the MPLS circuits and over half of the MIS circuits shown on the sheet. They are trying to move districts to the much less expensive MIS circuits but they are having problems because many districts want the "free" web filtering and firewall which are bundled with the MPLS circuits.

Districts choose bidding and pay for Internet circuits themselves, not only because it saves money but also because to do so gives them full control of the bandwidth allowing them to easily adjust to the needs of their district. In most cases, the bandwidth from third party providers can be adjusted in a couple of days while the bandwidth from the SMC takes between three and 4 months to be adjusted.

The districts that bid specify their own increments of upgrades in the contract, usually 50 Mbps increments. The SMC has increments of 50, 100, 250, 500 and 1,000. This means that a district on 250 Mbps, must jump to 500 Mbps if they wish to upgrade on the SMC.

For those who bid their own, the jump is usually from 250 to 300, saving significant amounts of money.

Most districts who bid their own also have the option of decreasing bandwidth and therefore cost for the summer months. In a 1:1 or BYOD situation, this can mean a substantial saving for the E-rate fund and the district. This is not possible on the SMC.

By bidding our own, we save money, maintain control and we are better able to provide our districts with what we need in a timely manner. To me, this is exactly what a Modernized E-rate is intending and the reason why the FCC should give some special consideration to their position on SMCs, especially the way it is done in Mississippi.

BID THEIR OWN INTERNET -- Districts Responsible for Firewall and Web Filter

Dist #	District Name	Enroll	Megs	Monthly Cost	Annual cost	ISP	Cost / Mb	Mb/Stu	Cost/Stu/YR
0500	Benton County School District	1234	50	3371	\$ 40,452.00	TPK	\$ 67.42	\$ 0.04	32.781
5921	Booneville School District	1291	100	600	\$ 7,200.00	TPK	\$ 6.00	\$ 0.08	5.577
1420	Clarksdale Municipal School District	3115	1000	6687.5	\$ 80,250.00	TPK	\$ 6.69	0.321	25.762
2521	Clinton Public School District	4903	500	5000	\$ 60,000.00	TPK	\$ 10.00	0.102	12.237
1400	Coahoma County School District	1526	100	3000	\$ 36,000.00	ITS	\$ 30.00	\$ 0.07	23.591
4620	Columbia School District	1814	100	600	\$ 7,200.00	TPK	\$ 6.00	\$ 0.06	3.969
0220	Corinth School District	2618	100	1000	\$ 12,000.00	TPK	\$ 10.00	\$ 0.04	4.584
1700	DeSoto County School District	33054	1000	9250	\$ 111,000.00	TPK	\$ 9.25	\$ 0.03	3.358
3111	East Jasper School District	958	150	1500	\$ 18,000.00	IN-L	\$ 10.00	0.157	18.789
1800	Forrest County Schools	2417	100	1500	\$ 18,000.00	TPK	\$ 15.00	\$ 0.04	7.447
4220	Greenwood Public School District	2916	200	7300	\$ 87,600.00	IN-L	\$ 36.50	\$ 0.07	30.041
1820	Hattiesburg Public School District	4552	200	100	\$ 1,200.00	TPK	\$ 0.50	\$ 0.04	0.264
2500	Hinds County School District	6264	150	1992	\$ 23,904.00	TPK	\$ 13.28	\$ 0.02	3.816
4720	Holly Springs School District	1446	50	700	\$ 8,400.00	TPK	\$ 14.00	\$ 0.03	5.809
2520	Jackson Public School District	29488	1000	4950	\$ 59,400.00	TPK	\$ 4.95	\$ 0.03	2.014
3700	Lamar County School District	9569	155	3875	\$ 46,500.00	IN-L	\$ 25.00	\$ 0.02	4.859
3800	Lauderdale County School District	6787	200	4000	\$ 48,000.00	IN-L	\$ 20.00	\$ 0.03	7.072
3900	Lawrence County School District	2199	200	900	\$ 10,800.00	IN-L	\$ 4.50	\$ 0.09	4.911
4100	Lee County School District	7236	125	1500	\$ 18,000.00	TPK	\$ 12.00	\$ 0.02	2.488
4600	Marion County School District	2145	50	750	\$ 9,000.00	TPK	\$ 15.00	\$ 0.02	4.196
4700	Marshall County School District	3445	100	1021	\$ 12,252.00	TPK	\$ 10.21	\$ 0.03	3.556
3820	Meridian Public School District	6166	200	970	\$ 11,640.00	TPK	\$ 4.85	\$ 0.03	1.888
0616	Mound Bayou Public School	588	100	2995	\$ 35,940.00	IN-L	\$ 29.95	0.170	61.122
7011	North Tippah School District	1351	100	750	\$ 9,000.00	TPK	\$ 7.50	\$ 0.07	6.662
3022	Pascagoula Separate School District	7156	1000	4207.5	\$ 50,490.00	SLF	\$ 4.21	0.140	7.056
5500	Pearl River County School District	3063	60	480	\$ 5,760.00	IN-L	\$ 8.00	\$ 0.02	1.881
5600	Perry County Schools	1189	100	800	\$ 9,600.00	TPK	\$ 8.00	\$ 0.08	8.074
1821	Petal School District	4035	250	1545	\$ 18,540.00	MIS	\$ 6.18	\$ 0.06	4.595
5020	Philadelphia Public School District	1224	100	825	\$ 9,900.00	TPK	\$ 8.25	\$ 0.08	8.088
5530	Poplarville Separate School District	1930	100	450	\$ 5,400.00	TPK	\$ 4.50	\$ 0.05	2.798
6100	Rankin County School District	19382	500	2250	\$ 27,000.00	TPK	\$ 4.50	\$ 0.03	1.393
1212	Quitman School District	2027	200	1185	\$ 14,220.00	TPK	\$ 5.93	0.099	7.015
6500	Smith County School District	2813	100	4325	\$ 51,900.00	TPK	\$ 43.25	\$ 0.04	18.450
5320	Starkville School District	4281	200	1755.7	\$ 21,068.40	MC-MSU	\$ 8.78	\$ 0.05	4.921
7200	Tunica County School District	2396	100	1995	\$ 23,940.00	TPK	\$ 19.95	\$ 0.04	9.992
7400	Walthall County School District	2150	100	2795	\$ 33,540.00	TPK	\$ 27.95	\$ 0.05	15.600
7800	Webster County School District	1899	100	1000	\$ 12,000.00	TPK	\$ 10.00	\$ 0.05	6.319
4920	Winona Separate School District	1157	100	2500	\$ 30,000.00	IN-L	\$ 25.00	0.086	25.929
		Enroll	Bwidth	Monthly Cost	Annual cost		Cost / Mb	Mb/Stu	Cost/Stu/YR
		191784	9040	\$ 90,424.70	\$ 1,085,096.40		\$ 10.00	0.047	\$ 5.66

DISTRICTS USING AT&T CONTRACT 4000-1 MIS CIRCUITS - Districts Responsible Firewall and Web Filer									
Dist #	District Name	Enroll	Megs	Monthly Cost	Annual cost	ISP	Cost / Mb	Mb/Stu	Cost/Stu/YR
4820	Aberdeen School District	1380	50	\$ 970.00	\$ 11,640.00	MIS	\$ 19.40	0.036	\$ 8.43
5920	Baldwyn School District	822	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.122	\$ 14.91
0614	Cleveland School District	3821	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.026	\$ 3.21
1600	Covington County School District	2957	50	\$ 970.00	\$ 11,640.00	MIS	\$ 19.40	0.017	\$ 3.94
2620	Durant Public School District	554	20	\$ 1,325.00	\$ 15,900.00	MIS	\$ 66.25	0.036	\$ 28.70
1211	Enterprise School District	1009	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.099	\$ 12.14
1802	Forrest County AHS	588	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.170	\$ 20.84
2000	George County School District	4126	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.024	\$ 2.97
2421	Gulfport School District	6335	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.016	\$ 1.93
2400	Harrison County School District	14168	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.007	\$ 0.86
1520	Hazlehurst City School District	1561	50	\$ 970.00	\$ 11,640.00	MIS	\$ 19.40	0.032	\$ 7.46
6721	Indianola School District	2186	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.046	\$ 5.60
3000	Jackson County School District	9411	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.011	\$ 1.30
3400	Jones County School District	8562	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.012	\$ 1.43
4000	Leake County School District	2948	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.034	\$ 4.16
2422	Long Beach School District	3118	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.032	\$ 3.93
8020	Louisville Municipal School District	2892	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.035	\$ 4.24
4400	Lowndes County School District	5096	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.020	\$ 2.40
4500	Madison County School District	12548	500	\$ 3,817.00	\$ 45,804.00	MIS	\$ 7.63	0.040	\$ 3.65
4800	Monroe County School District	2300	50	\$ 970.00	\$ 11,640.00	MIS	\$ 19.40	0.022	\$ 5.06
3020	Moss Point School District	2273	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.044	\$ 5.39
XXX	MS Math and Science	255	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.392	\$ 48.05
0130	Natchez-Adams School District	3663	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.027	\$ 3.34
5000	Neshoba County School District	3335	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.030	\$ 3.67
7320	New Albany Public Schools	2188	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.046	\$ 5.60
5130	Newton Municipal School	978	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.102	\$ 12.53
3021	Ocean Springs School District	5758	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.017	\$ 2.13
3620	Oxford School District	4009	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.025	\$ 3.06
2423	Pass Christian Public School	1963	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.051	\$ 6.24
6120	Pearl Public School District	4069	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.025	\$ 3.01
1821	Petal School District	4035	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.025	\$ 3.04
5520	Picayune School District	3626	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.028	\$ 3.38
6200	Scott County School District	4013	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.025	\$ 3.05
6920	Senatobia Municipal School District	1978	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.051	\$ 6.19
5412	South Panola School District	4543	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.022	\$ 2.70
5712	South Pike School District	1803	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.055	\$ 6.80
6600	Stone County School District	2709	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.037	\$ 4.52
6900	Tate County School District	2911	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.034	\$ 4.21
4120	Tupelo Public School District	7346	500	\$ 3,817.00	\$ 45,804.00	MIS	\$ 7.63	0.068	\$ 6.24
5131	Union Public School District	1047	50	\$ 970.00	\$ 11,640.00	MIS	\$ 19.40	0.048	\$ 11.12
7500	Vicksburg Warren School	8422	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.012	\$ 1.45
7700	Wayne County School District	3453	50	\$ 970.00	\$ 11,640.00	MIS	\$ 19.40	0.014	\$ 3.37
1320	West Point School District	3235	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.031	\$ 3.79
8220	Yazoo City Municipal Sch District	2489	100	\$ 1,021.00	\$ 12,252.00	MIS	\$ 10.21	0.040	\$ 4.92
		Enroll	Bwidth	Monthly Cost	Annual cost		Cost / Mb	Mb/Stu	Cost/Stu/YR
		166483	4820	\$ 50,514.00	\$ 606,168.00		\$ 10.48	0.029	\$ 3.64

DISTRICTS USING AT&T STATE CONTRACT MPLS CIRCUITS -- Firewall and Web Filter "Free" With MPLS Service									
Dist #	District Name	Enroll	Megs	Monthly Cost	Annual cost	ISP	Cost / Mb	Mb/Stu	Cost/Stu/YR
0200	Alcorn School District	3414	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.029	\$ 5.27
0300	Amite County School District	1064	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.047	\$ 13.53
4821	Amory School District	1776	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.028	\$ 8.11
0400	Attala County School District	1131	33	\$ 2,800.00	\$ 33,600.00	MPLS	\$ 84.85	0.029	\$ 29.71
2320	Bay St. Louis School District	1954	33	\$ 2,800.00	\$ 33,600.00	MPLS	\$ 84.85	0.017	\$ 17.20
0612	Benoit School District	254	9	\$ 2,300.00	\$ 27,600.00	MPLS	\$ 255.56	0.035	\$ 108.66
2420	Biloxi Public School District	5537	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.018	\$ 3.25
4320	Brookhaven School District	2985	33	\$ 2,800.00	\$ 33,600.00	MPLS	\$ 84.85	0.011	\$ 11.26
0700	Calhoun County School District	2582	3	\$ 1,325.00	\$ 15,900.00	MPLS	\$ 441.67	0.001	\$ 6.16
4520	Canton Public School District	3388	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.015	\$ 4.25
0800	Carroll County School District	1015	21	\$ 2,525.00	\$ 30,300.00	MPLS	\$ 120.24	0.021	\$ 29.85
0900	Chickasaw County School District	515	9	\$ 2,300.00	\$ 27,600.00	MPLS	\$ 255.56	0.017	\$ 53.59
1000	Choctaw County School District	1425	6	\$ 1,800.00	\$ 21,600.00	MPLS	\$ 300.00	0.004	\$ 15.16
1100	Claiborne County School District	1619	15	\$ 2,425.00	\$ 29,100.00	MPLS	\$ 161.67	0.009	\$ 17.97
1300	Clay County School District	165	10	\$ 1,283.00	\$ 15,396.00	MPLS	\$ 128.30	0.061	\$ 93.31
1402	Coahoma Co. AHS	244	10	\$ 1,283.00	\$ 15,396.00	MPLS	\$ 128.30	0.041	\$ 63.10
8111	Coffeeville School District	601	10	\$ 1,283.00	\$ 15,396.00	MPLS	\$ 128.30	0.017	\$ 25.62
4420	Columbus Municipal Sch District	4516	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.011	\$ 3.19
1500	Copiah County School District	2797	45	\$ 3,300.00	\$ 39,600.00	MPLS	\$ 73.33	0.016	\$ 14.16
6811	East Tallahatchie School District	1234	6	\$ 1,800.00	\$ 21,600.00	MPLS	\$ 300.00	0.005	\$ 17.50
6220	Forest Municipal School District	1616	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.031	\$ 8.91
1900	Franklin County School District	1451	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.069	\$ 12.41
2100	Greene County School District	2109	21	\$ 2,525.00	\$ 30,300.00	MPLS	\$ 120.24	0.010	\$ 14.37
7620	Greenville Public School District	5855	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.017	\$ 3.07
2220	Grenada School District	4310	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.023	\$ 4.18
2300	Hancock County School District	4544	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.011	\$ 3.17
7611	Hollandale School District	640	15	\$ 2,425.00	\$ 29,100.00	MPLS	\$ 161.67	0.023	\$ 45.47
2600	Holmes County School District	2974	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.017	\$ 4.84
0920	Houston School District	1838	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.011	\$ 13.45
2700	Humphreys County School District	1759	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.028	\$ 8.19
2900	Itawamba County School District	3529	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.014	\$ 4.08
3200	Jefferson County School District	1325	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.015	\$ 18.66
3300	Jefferson Davis County Sch District	1569	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.032	\$ 9.18
3500	Kemper County School District	1161	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.043	\$ 12.40
0420	Kosciusko School District	2340	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.021	\$ 6.15
3600	Lafayette County School District	2683	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.019	\$ 5.37
3420	Laurel School District	3082	6	\$ 1,800.00	\$ 21,600.00	MPLS	\$ 300.00	0.002	\$ 7.01
4200	Leflore County School District	2721	21	\$ 2,525.00	\$ 30,300.00	MPLS	\$ 120.24	0.008	\$ 11.14
7612	Leland School District	926	12	\$ 2,350.00	\$ 28,200.00	MPLS	\$ 195.83	0.013	\$ 30.45
4300	Lincoln County School District	3142	21	\$ 2,525.00	\$ 30,300.00	MPLS	\$ 120.24	0.007	\$ 9.64
3711	Lumberton Public School District	636	21	\$ 2,525.00	\$ 30,300.00	MPLS	\$ 120.24	0.033	\$ 47.64
5720	McComb School District	2767	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.036	\$ 6.51
4900	Montgomery County School District	310	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.065	\$ 79.74
XXX	MS School of the Arts	111	12	\$ 2,350.00	\$ 28,200.00	MPLS	\$ 195.83	0.108	\$ 254.05
4111	Nettleton School District	1350	15	\$ 2,425.00	\$ 29,100.00	MPLS	\$ 161.67	0.011	\$ 21.56
5100	Newton County School District	1858	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.011	\$ 13.30
5411	North Panola School District	1576	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.013	\$ 15.69
5711	North Pike School District	2429	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.021	\$ 5.93
5200	Noxubee County School District	1805	15	\$ 2,425.00	\$ 29,100.00	MPLS	\$ 161.67	0.008	\$ 16.12
0921	Okolona Separate School District	688	12	\$ 2,350.00	\$ 28,200.00	MPLS	\$ 195.83	0.017	\$ 40.99
5300	Oktibbeha County School District	856	6	\$ 1,800.00	\$ 21,600.00	MPLS	\$ 300.00	0.007	\$ 25.23
5820	Pontotoc City Schools	2310	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.043	\$ 7.79
5800	Pontotoc County Schools	3559	45	\$ 3,300.00	\$ 39,600.00	MPLS	\$ 73.33	0.013	\$ 11.13
5900	Prentiss County School District	2380	3	\$ 1,325.00	\$ 15,900.00	MPLS	\$ 441.67	0.001	\$ 6.68
6000	Quitman County School District	1223	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.016	\$ 20.21
5620	Richton School District	730	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.027	\$ 33.86
0615	Shaw School District	493	12	\$ 2,350.00	\$ 28,200.00	MPLS	\$ 195.83	0.024	\$ 57.20

6400	Simpson County School District	4132	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.024	\$ 4.36
6312	South Delta School District	922	33	\$ 2,800.00	\$ 33,600.00	MPLS	\$ 84.85	0.036	\$ 36.44
7012	South Tippah School District	2877	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.007	\$ 8.59
6700	Sunflower County School District	2014	100	\$ 1,500.00	\$ 18,000.00	MPLS	\$ 15.00	0.050	\$ 8.94
7100	Tishomingo County Schools	3206	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.016	\$ 4.49
7300	Union County School District	2839	12	\$ 2,350.00	\$ 28,200.00	MPLS	\$ 195.83	0.004	\$ 9.93
8113	Water Valley School District	1216	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.016	\$ 20.33
0611	West Bolivar School District	763	3	\$ 1,325.00	\$ 15,900.00	MPLS	\$ 441.67	0.004	\$ 20.84
3112	West Jasper School District	1471	50	\$ 1,200.00	\$ 14,400.00	MPLS	\$ 24.00	0.034	\$ 9.79
6812	West Tallahatchie School	782	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.026	\$ 31.61
7613	Western Line School District	1516	6	\$ 1,800.00	\$ 21,600.00	MPLS	\$ 300.00	0.004	\$ 14.25
7900	Wilkinson County School District	1287	9	\$ 2,300.00	\$ 27,600.00	MPLS	\$ 255.56	0.007	\$ 21.45
8200	Yazoo County School District	1696	20	\$ 2,060.00	\$ 24,720.00	MPLS	\$ 103.00	0.012	\$ 14.58
	Jackson Region Core			\$ 5,616.00	\$ 67,392.00	MPLS			
	MDE - Internet 2GB@\$5			\$ 10,000.00	\$ 120,000.00	MPLS			
		Enroll	Bwidth	Monthly Cost	Annual cost		Cost / Mb	Mb/Stu	Cost/Stu/YR
		137592	2463	\$ 146,575.00	\$ 1,758,900.00		\$ 59.51	0.018	\$ 12.78