



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
MPLS07

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
RON PRICE
304-558-0492

RFQ COPY
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ALL STATE AGENCIES
 AND POLITICAL SUBDIVISIONS
 VARIOUS LOCALES AS INDICATED
 BY ORDER

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/14/2007				

BID OPENING DATE: **02/28/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2						
RESPONSES TO WRITTEN QUESTIONS ARE ATTACHED						
0001	1	LS		205-18		
				MULTI PROTOCOL LABEL SWITCHING (MPLS)	VIRTUAL	
***** THIS IS THE END OF RFQ MPLS07 *****						TOTAL: _____

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

MPLS Questions and Answers Prior to Vendor Conference – 12/28/06

1.2 On page 12 of the RFP, second paragraph from the bottom, you reference that the vendors will be evaluated upon the three (3) intelligently projected cost evaluation scenarios, in accordance with the Division of Purchasing guidelines. Are you asking vendors to price three designs? If not, please explain what this means.

Appendix B contains the pricing sheets for each scenario. Chart 1 is a Unit Price comparison by Circuit Access type; Chart 2 is the projected volumes that we estimate will be required one year after initial implementation; and Chart 3 is the projected volumes that we estimate will be required in three years after initial implementation. We have also provided a Summary of Worksheets that shows the totals from each of the Charts.

1.9.3 Are you indicating that the suppliers should account for internal State routing of mail from a mailroom when planning on delivery (i.e., must be in the Purchasing group's hands) or are you indicating that acceptance/signature by the state indicates that it is on time.

As the package comes into the Purchasing Division, the Purchasing clerk time-stamps the bid package. If the package is time-stamped prior to the bid opening, the bid is accepted. If it does not arrive before the bid opening, the bid will be disqualified. Most vendors have their bids delivered by FedEx or some other delivery service which takes the package directly to the Purchasing location and bypasses any other mailroom facilities.

1.19.12 Please provide clarification of "The contract may be terminated by mutual agreement with 30 days notice."

If both the vendor and the State agree to terminate the agreement, it can be done with 30 days notice. Both the vendor and the State must agree.

3.1 Please define "DAIN".

Dialed Access Intercity Network

3.1.1 The RFP mentions data centers, but the table on page 28 lists no bandwidths above T1. If connectivity to the data centers should be part of our network design, can we be provided with the locations and bandwidth requirement for the data centers and any other high capacity locations?

The State currently has two major data center – WVNET in Morgantown and the Office of Technology in Charleston. We anticipate that at a minimum, the MPLS will go in with a 1 gig connection to the vaults at both locations but ideally we would have the vendor co-locate a CE router that strips off the labels at our vault. We also have a Northern Operations Center for the State's EMS in Morgantown that will require a 10 meg connection.

3.1.1 On page 28, the table lists voice PRIs, Centrex and Centrex with Voicemail. Does the State expect the bidder to provide the IP Voice service to replace these lines, or just ht access to the MPLS network to transport the IP Voice Service?

In the beginning, the vendor should offer replacement traditional and IP voice services to be transported over several years.

3.1.1 May bidders propose video conferencing CPE in addition to the circuits/network to support videoconferencing traffic?

Yes, as an option.

3.1.1 How many circuits will cut in year one?

We anticipate between 1,200 and 1,600 circuits will be cut over in year one.

3.1.2 – The State has asked for a Private IP based network, but also references an MPLS VPN network. Is it the intention of the State to encourage economic development by allowing this network to be available for commercial business?

We encourage the vendor to offer MPLS to commercial customers, as long as their traffic does not directly touch our State network.

3.1.4.1 The RFP references Appendix B as listing access types, sizes, etc., but the actual page 118 where Appendix B should be located is blank. Can we be provided with this Appendix?

Appendix B is the Vendor's Cost Proposal and was included in the State Purchasing Bulletin as an Excel spreadsheet.

3.1.6.2.1 We understand the State desires the vendor to provide a solution providing QoS from CE to CE, but are not sure exactly what type of response is expected from us. Can the State please provide additional clarification on this section?

The State requires QoS for voice and video on the MPLS when requested and expects the vendor to work with our network engineers to insure QoS extends from CD to CPD.

3.1.6.2.2 Can the state provide quantity, model and rev level of existing CPE the vendors will/may manage?

The vendor is not asking the vendor to manage any existing equipment initially but we want the vendor to give us options. Over the term of this contract, there will be many models of routers introduced.

3.1.11.6 Are you specifying rerouting within the Core network or are you referring to the local access?

We are referring to rerouting within the Core network, i.e., to another POP during disaster recovery.

3.1.12.3 Can the State provide a list of addresses for sites that will need Broadband (DSL) access?

Any agency could request DSL anywhere in the State but we would only expect DSL to be offered where it is available from a LEC, CLEC, or ILEC.

3.1.12.5 – Need clarification. How is this done today? This is in regard to SNA and Legacy Protocol Support.

Currently all SNA traffic is encapsulated in IP and standard IP-based routing protocols are used. This specification is asking that you confirm that you can do this, describe your approach, and list the network protocols that you support.

3.1.13.2 – Would the State accept a proposal from a vendor to only supply peering with multiple in-state broadband ISP's?

The State WVOT suggests that the Vendor approach one or all of the Prime Contractors with their proposal, We clearly state "One and only one prime will be responsible for all services associated with the MPLS and Associated Services Bid/response to our RFP", however we encourage the Vendors to respond with a "Prime Position" to utilize WV broadband suppliers, i.e. local ISP's.

3.1.14.2 (B) Should the questions say "MPLS PE" instead of "MPLS CE"? Or does the State want to the vendor to provide connection between the Customer Edge routers (on customer premise) to the Customer LAN? This connection would just be cabling, rather than an access circuit.

No, the MPLS CE should be a non-core MPLS router where the labels are added or stripped off, it is not the customer premise. We are talking about the vendor's closest point of presence to the MPLS.

3.1.14.5 The State requires that calls made from the new Voice over IP lines to the legacy Centrex lines not incur toll charges during the transition. For any vendor except the incumbent, this means absorbing the per-minute charges incurred for these calls over the duration of the migration – until all Centrex lines have been converted to Voice over IP. However, without quantifying this time period and usage, we are unable to figure this cost into our network calculations. Can the State please provide a set migration time period and past minutes of usage for Centrex-to-Centrex calls?

The usage for FY '06 for centrex-to-centrex was 8,938,992 minutes or an average of 745,000/month.

3.1.15.3 It states that calls from MPLS sites to sites still on the DAIN existing Voice Network should be connected without incurring toll charges, but section 3.1.14.5 says it is required that toll charges not be incurred. Can the State please clarify?

3.1.14.5 and 3.1.15.3 will be changed to agree – both will say “should” but please note that both are considered “critical”.

3.1.16 Remote access – How many overall remote users does the state anticipate requiring remote access support for? How many concurrent remote users does the state anticipate?

We don't have a positive number but we estimate 500 remote users with 100 concurrent users. We also anticipate an increase of at least 20% per year.

3.1.16.3 Can you please explain what is meant in the last sentence: VPN via Internet DSL access for telecommuters – add language in this section?

This was left in in error. Please disregard that sentence.

3.1.17.4 – Can't determine Circuit type availability without NPA-NXX. Please provide. This is in regard to Access Circuit Availability.

The current area code statewide is 304. We would expect that the vendor have the capability to support other area codes if one or more should be added.

3.1.17.9 Are you indicating that you want them to have some type of VPN connectivity utilizing their own broadband or other type of connection (3rd party)? Please explain.

We have some locations that have their own Layer 2 switches and we want them to have the capability to connect to the MPLS. Marshall University is such a location.

3.1.18 Please provide site locations including NPA-NXX where alternate access is required.

This is a “future”. The State has considered opening a disaster recovery site but the location has not yet been decided.

3.1.19.1 – Please provide site locations at alternate data centers including NPA-NXX.

Currently we have data centers in Charleston and Morgantown but a disaster recovery site may be selected within the State and we would expect the vendor to provide access and redundancy.

3.1.19.1 What are the current locations of the state data centers and the current or future sites connectivity, i.e., speed, protocol?

The current State data centers are located in Charleston and Morgantown but we hope to locate a disaster recovery center within the State in the next few years.

3.1.20 – Internet Access (Optional) – Was it the state’s intent to omit requirements for protection from internet-based attacks in this optional section? Does the state intend for 3.1.22 Network Security to apply to this optional section? If so, are the security elements proposed in 3.1.22 Network Security that are specific to the optional Internet Access also optional?

It was not our intent to omit requirements for protection from Internet-based attacks. Yes, the requirements in 3.1.22 will apply. The vendor should describe the security they would propose if bidding the optional Internet Access.

3.1.20.2 – Alternate Internet Access – Does the state require this alternate internet access to be provisioned as a full-time traffic bearing circuit or for protection against failure and/or emergency only or both?

Both

3.1.20.3 As there are several visions/definitions of Internet 2 in the marketplace, can you please describe your belief of what the Internet 2 network is?

Alan Taylor of Marshall University will respond to this question at the conference.

Led by more than 200 U.S. universities, working with industry and government, Internet2 develops and deploys advanced network applications and technologies for research and higher education, accelerating the creation of tomorrow's Internet.

Internet2 is working with Level 3 Communications to provide the U.S. research and education community with a dynamic, innovative and cost-effective hybrid optical and packet network. The new network is designed to provide next-generation production services as well as a platform for the development of new networking ideas and protocols. With community control of the fundamental networking infrastructure, the new Internet2 Network will enable a wide variety of bandwidth-intensive applications under development at campuses and research labs today.

The new network is one component of Internet2’s “systems” approach to developing and deploying advanced networking for the research and education community: Network Technologies, Middleware, Security, Performance Measurement, Community Collaboration. A map of this deployment can be found at:

http://www.internet2.edu/network/library/deployment_phases.pdf

3.1.20.4 Is your desire to have your vendor have connectivity to multiple ISPs driven by the need of remote users? (i.e., remote users need to gain access to the State’s site via broadband connection that they own)?

No, our desire for multiple ISPs is to facilitate low latency for specific applications and remote users. Also, we want to foster business for existing West Virginia ISP’s, not hinder them.

3.1.22.1 Network Security – Please provide links to or copies of the WVOT and other state policies concerning Information Security and Physical Security.

3.1.22.2 Network Security – Please provide links to or copies of the WVOT Enterprise Information Security Policy.

3.1.22.2 Can you please provide a copy of the WVOT Enterprise Information Security Policies (or the exact URL) as we could not find it on the www.wvgot.org site?

The security policy for the Office of Technology is under modification. The current guidelines are available by going to the Office of Technology web page, click on WV IT Council listed on the left, click on Policy Guidelines, then click on Information Security Policy Guidelines. Any additions or modifications to security will be negotiated with the SLA with the apparent successful vendor.

3.1.22.4 Network Security – Please provide detailed description of requested support/cooperation regarding implementation of intrusion control technology.

It is the desire of the Information Security Office that during the design and planning phase of an enhanced Intrusion Controls (detection and prevention) architecture for our technical environment, the successful vendor would provide any available insight into the planning process. This might take the form of a briefing, a Q and A session, an introduction to other vendor customers who have implemented intrusion controls into an MPLS environment, etc. We do not envision this being a substantial effort on the vendor's part, and we consider it to be essentially a voluntary exercise – hence it is included as a desirable. Our goal is simply to be able to tap into any well of vendor or customer expertise that may have been developed through past experiences that the vendor has had prior to working with the State of WV.

3.2.4.1 – Are you asking that selected carrier to manage access that the State of West Virginia acquires directly from other carrier/vendor?

We have not asked the vendor to manage access – we are merely asking that the vendor work with the vendor providing “the last mile” to provide the requested service.

3.2.4.2 – This critical requirement states that the maintenance window should be in a mutually agreed upon time table; however, section 3.17.1 under the SLA requires maintenance between 2:00 a.m. and 5:30 a.m. on Sunday. Can the State please clarify these sections?

Section 3.17.1 will be changed to reflect the same requirement as 3.2.4.2. Scheduled maintenance should occur on an advance mutually agreed upon time table.

3.2.7.2 You indicate that you require that current and accurate configuration records be kept. What level of detail is it that the State would like the records to be kept? What level of detail is that the State would like the records to be kept and to have access to them?

Complete records of all connections, including agency site, name, connection type, class of service, and bandwidth; records for all VRF, VPN and PVC ports specifications; as well as how the vendor-provided CPE is configured and the warranty information must be permitted by the WVOT Network Engineering Unit. Logins will be by username and password. All configuration records must be kept in a secure environment, with access to the current and past configurations readily available via database access or via secure online access. Information must also be provided in hard copy upon request.

3.16.5.2 – The last sentence mentions Appendix G but there appears to be no Appendix G in the RFP. Can the State please provide Appendix G?

The reference forms are actually Appendix F.

3.17.3 – What is meant by Section A?

Earlier in 3.17.2, the RFP discusses providing an SLA for each service or providing one SLA with sections A through D. Section A would be the portion of the single SLA addressing the MPLS Core specific.

General Questions:

1. Can we be provided with a list of specific locations and bandwidth requirements?

Yes, this information can be provided at the city-level and is based only on circuits procured through Data05 circuits. We will also provide with the addendum a list of the transport DSL's attached to the network.

2. Can the State provide a list of NPA-NXX's of sites that would be converting to the network?

Since we have locations in every county of the State, the State's current area code and all of the exchanges could be converted. Seventy-five percent (75%) of the sites are in the major cities.

3. Can the State provide a Word/Excel format to enable our response?

This has been provided in the State Purchasing Bulletin.

4. WV-96 Form – Can we use our Form WV-96 that has already been negotiated with the State Attorney General's Office?

Yes. Section 1.19.10 states that the successful vendor must sign the attached WV-96 or applicable AG/WVOT Purchasing-approved alternative form prior to award. The vendor must include in their response if they are signing the WV-96 "as is", a copy of a pre-approved AG/WVOT Purchasing-approved alternative form, or alternative language for the WV-96. Please understand

that if you are proposing alternative language, this is subject to approval by Purchasing, WVOT and the Attorney General's office.

5. If possible would the State provide a list of make/models/IOS v levels for their existing WAN routers at all sites?

No, but we will provide this list prior to cut-over. For informational purposes, the edge devices are Cisco routers with internal T-1 frame relay CSU's.

6. Can we be provided with an enlarged version of the network map on page 29?

Yes, a copy was provided at the vendor conference – one to each vendor represented.

7. This RFP requires extensive network planning and collaboration. Will the State consider extending the response deadline to allow us to create a network design that fully meets all of the requirements listed in the RFP?

We have extended the bid opening to February 28.

**POST VENDOR CONFERENCE
QUESTIONS AND ANSWERS – 1/11/07**

1) The state desires the vendor to collocate edge routers in their data center facilities. If the vendor should choose to do this, would the state charge for collocation space and power?

No

2) In the state's data centers, how much space & power is available? May we be allowed a site visit (before bid opening) to determine if space, power, & environmental specifications are sufficient?

There is sufficient space and power for your CE router and peripheral devices maintained in a locking cabinet and adequate rack space for wiring. Yes, each vendor can be allowed a site visit with an appointment. Contact Ron Price with two possible time periods and he will contact the Office of Technology to schedule the time.

3) Will the vendor have 24x7 access to the collocation space?

Yes

4) Can the state please provide environmental specifications for its data center collocation areas?

Recently we installed a new Liebert Series 610 Uninterruptible Power System. We are now using about 50% of the capacity of the UPS so that leaves about 75 KW at 208 volts or 360 Amps. We are also wired to expand to an additional 150KW if needed. We have 26 min of battery time at full load on hand. As backup to the UPS system, we have in place a 200 KW Caterpillar generator system that is set to run for 24 hours before needing refueled and can automatically take over for the UPS in 11 seconds. We also have SiteLink in place to monitor for temperature, water, and power problems 24/7.

5) Can the state please provide the NPA-NXX's and addresses of its data centers?

The Office of Technology: Charleston – 304-558; WVNET: Morgantown (2 locations) – 304-293. Keep in mind that a new NPA-NXX may be added to the Charleston area.

6) How does the state handle billing to individual agencies?

Today it is both a manual and a desktop application process but the vendor is required to meet the requirements of the RFP. Some aspects of the specific billing aspects may be negotiated in the SLA.

7) Appendix B Pricing page - In the pricing section, the State of WV is asking for pricing for IP Trunk for Ethernet 10 Meg 100, 200, & 400 simultaneous calls. In addition to Ethernet, are other transport options allowed if the State is provided an Ethernet Handoff to their CPE?

It was the State's/WVOT's intention to a) increase the number of potentially active simultaneous voice call paths; b) desire to reduce toll charges by utilizing IP trunks (per Gartner); and c) utilize low cost Ethernet modules or Fast Ethernet modules as required. Therefore, the State does not care how the vendor provides these IP trunks as long as the voice quality is good and consistent with the particular CODEC used and agreed to by the vendor and the State.

In summation, the answer is "for all IP trunks as long as the State suffers no degradation in service, these IP trunks can be transported to the facility/CPE however best suits the carrier/vendor provided they terminate on Ethernet or Fast Ethernet ports. Hopefully, this results in reduced cost for said IP trunks and greater coverage areas where they are offered.

8) Since the implementation of the MPLS network will be spread out over several months and the State will most likely need the MPLS network to interface with the existing ATM/Frame Relay network. Will the State pay for the circuits to interconnect the two networks and will the State require its existing ATM/Frame Relay Vendors to allow the winning Vendor a Network Interface to the existing network?

No, the State will not pay for the circuits to interconnect the two networks. The vendor should go to the wholesale groups of the existing Data 05 vendors under the NNI to NNI policy as set forth by the FCC guidelines and/or the proposing vendor may choose an alternative connectivity that is more desirable to them as long as it allows for the connectivity to the Data 05 network.

9) When moving the existing Centrex customers on to the MPLS network will the State require the existing Vendors to allow the porting of numbers that are part of a Centrex number range? In a city like Charleston, the Centrex number range is spread among different State departments and to be able to move different departments at different times the number ranges would have to be broken for the State to keep the same numbers and to have them ported to a new Vendor.

The State would assist in negotiating the porting of numbers or will assign new numbers as required.

10) Will the State require direct tie trunks to the incumbent voice provider? How will interconnectivity be accomplished between the old network and the new MPLS network?

The State does not require anything beyond the specifications of the RFP however how the vendor wishes to procure or meet those requirements is up to the vendor.

11) Is the State requiring only calling between State agencies to be Toll Free (no long distance charges)? Will all other calls that are normally considered long distance to be sent to the State's existing long distance carrier? Will the existing LD carrier require direct trunking?

No, it is not limited to just calls between State agencies. Calls that are today from a DAIN city to another Dain city will be toll free and any call that today goes to the long distance carrier go to that long distance carrier until converted. We do not know whether the existing long distance carrier requires direct trunking. Please use your existing wholesale channel with Sprint to request this information from Sprint, the State's long distance provider.

12) With the State requiring a postalized rate per each service provided, can the RFP show that the requirement for postalized rates would only apply where facilities already exist that would support the service being requested? An example would be that the winning Vendor should not be expected to spend hundreds of thousands of dollars to build facilities to a state park or other remote area to support a 100 mb ethernet circuit.

The State will only require postalized rates where the services are provided today by a CLEC, ILEC or LEC. Build out for new facilities will be negotiated on a case-by-case basis or an RFQ may be bid to provide this build out.

13) Will the State provide each vendor participating in the mandatory pre-bid conference an accurate, up-to-date list of all circuits that includes terminating address,

speed, NPA-NXX or phone number at the terminating site? This should easily be obtained from the Data05 providers.

We have attached an up-to-date list by circuit type and quantity at the city level.

14) Are the Data05 and current voice contracts now available for download from the GOT website? If not, can the vendors be provided a copy?

DATA05 is available on the Purchasing's web site under statewide contracts. The current Centrex contract can be obtained by contacting the Purchasing Division. The contract number is PO#ISC91012.

15) Can the vendors be provided a list of the premise equipment (i.e., routers, etc.) that the State will be using for the MPLS network?

No

16) Where can the vendors acquire a copy of current SLA's and security policies for the State?

We have no specific SLA's applicable unless you consider the terms and conditions of DATA05 which is available on the Purchasing web site.. The security policy for the Office of Technology is under modification. The current guidelines are available by going to the Office of Technology web page, click on WV IT Council listed on the left, click on Policy Guidelines, then click on Information Security Policy Guidelines. Any additions or modifications to security will be negotiated with the SLA with the apparent successful vendor..

17) How are participating state agencies now billed by IS&C?

See response to #6 above.

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
ACCOVILLE	1	2.4K DDS
ALBRIGHT	1	2.4K DDS
ALBRIGHT	1	56Kb Frame Relay
ALDERSON	2	2.4K DDS
ALKOL	1	2.4K DDS
ALLOY	1	2.4K DDS
ALUM CREEK	5	2.4K DDS
AMHERSTDALE	1	2.4K DDS
AMIGO	2	2.4K DDS
ANSTED	1	1.54 Mb FR
ANSTED	2	2.4K DDS
APPLE GROVE	1	2.4K DDS
ASHFORD	1	2.4K DDS
Athens	1	2.4 DDS MP
Athens	1	DS-3 ATM
AUGUSTA	2	1.54 Mb FR
BALD KNOB	1	2.4K DDS
BARBOURSVILLE	3	1.54 Mb FR
BARBOURSVILLE	12	2.4K DDS
BARBOURSVILLE	1	56Kb Frame Relay
BARRACKSVILLE	1	2.4K DDS
BAXTER	1	2.4K DDS
BEAVER	1	1.54 Mb FR
BEAVER	1	1.54Mb ATM
BEAVER	6	2.4K DDS
BECKLEY	14	1.54 Mb FR
BECKLEY	2	1.54Mb ATM
BECKLEY	34	2.4K DDS
BECKWITH	1	2.4K DDS
BEECH BOTTOM	1	1.54 Mb FR
BELINGTON	1	1.54 Mb FR
BELINGTON	3	2.4K DDS
BELLE	6	2.4K DDS
BELMONT	1	56Kb Frame Relay
BENWOOD	2	2.4K DDS
BERKELEY SPRINGS	3	1.54 Mb FR
BERKELEY SPRINGS	5	2.4K DDS
BERKELEY SPRINGS	1	56Kb Frame Relay
BETHANY	1	2.4K DDS
BETHLEHEM	1	2.4K DDS
BEVERLY	3	2.4K DDS
BIG CHIMNEY	2	2.4K DDS
Bluefield	1	1.54 Mb FR
Bluefield	16	2.4 DDS MP
Bluefield	1	56Kb Frame Relay
Bluefield	1	DS-3 ATM
Bluwell	3	2.4 DDS MP
BOB WHITE	1	2.4K DDS
BOLT	1	2.4K DDS
BRADLEY	2	2.4K DDS

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
BRADSHAW	1	2.4K DDS
Bramwell	1	2.4 DDS MP
BRANDYWINE	1	2.4K DDS
BRENTON	1	2.4K DDS
BRIDGEPORT	2	1.54 Mb FR
BRIDGEPORT	12	2.4K DDS
BUCKHANNON	5	1.54 Mb FR
BUCKHANNON	20	2.4K DDS
BUFFALO	2	2.4K DDS
BUNKER HILL	4	2.4K DDS
BURLINGTON	1	1.54 Mb FR
BURNSVILLE	2	2.4K DDS
BURNWELL	1	2.4K DDS
CABIN CREEK	1	2.4K DDS
CABIN CREEK	1	56Kb Frame Relay
CAIRO	1	1.54 Mb FR
CALDWELL	1	2.4K DDS
CALVIN	1	2.4K DDS
CAMERON	2	2.4K DDS
CANVAS	1	2.4K DDS
CEDAR GROVE	1	2.4K DDS
CEREDO	1	2.4K DDS
CHAPMANVILLE	2	1.54 Mb FR
CHAPMANVILLE	9	2.4K DDS
CHARLES TOWN	3	1.54 Mb FR
CHARLESTON	34	1.54 Mb FR
CHARLESTON	3	1.54 Mb PP
CHARLESTON	2	1.54Mb ATM
CHARLESTON	9	1.54Mb DDS
CHARLESTON	136	2.4K DDS
CHARLESTON	6	56Kb Frame Relay
CHARLESTON	2	DS-3 ATM- 45 Mb
CHARLESTON	2	DS-3 FR 22MbPS
CHARLESTOWN	2	1.54Mb DDS
CHARLESTOWN	1	56Kb DDS
CHARLESTOWN	1	9.6 DDS or 19.2 DDS
CHARLTON HEIGHTS	1	2.4K DDS
CHARMCO	1	2.4K DDS
CHEAT LAKE	1	2.4K DDS
CHESTER	14	2.4K DDS
CLARKSBURG	12	1.54 Mb FR
CLARKSBURG	91	2.4K DDS
CLARKSBURG	1	56Kb Frame Relay
CLAY	2	1.54 Mb FR
CLAY	1	56Kb Frame Relay
CLENDENIN	2	2.4K DDS
CLOTHIER	1	2.4K DDS
COAL CITY	2	2.4K DDS
COLLIERS	1	2.4K DDS
COMFORT	3	2.4K DDS

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
CORA	1	2.4K DDS
COTTAGEVILLE	1	2.4K DDS
CRAB ORCHARD	2	2.4K DDS
CRAIGSVILLE	2	2.4K DDS
CROSS LANES	2	1.54Mb DDS
CROSS LANES	12	2.4K DDS
CROSS LANES	1	56Kb DDS
CROSS LANES	1	9.6 DDS or 19.2 DDS
CRUM	1	2.4K DDS
CULLODEN	1	2.4K DDS
DANIELS	3	2.4K DDS
DANVILLE	1	1.54 Mb FR
DANVILLE	6	2.4K DDS
DANVILLE	1	56Kb Frame Relay
DAVIN	1	2.4K DDS
DAVIS	2	1.54 Mb FR
DAVISVILLE	1	2.4K DDS
DELBARTON	4	2.4K DDS
DRENNEN	1	2.4K DDS
DRY CREEK	1	2.4K DDS
DUCK	1	2.4K DDS
DUNBAR	8	2.4K DDS
DURBIN	1	56Kb Frame Relay
EAST BANK	1	2.4K DDS
ELEANOR	2	2.4K DDS
ELIZABETH	2	1.54 Mb FR
ELIZABETH	1	2.4K DDS
ELKINS	9	1.54 Mb FR
ELKINS	17	2.4K DDS
ELKINS	1	56Kb Frame Relay
ELKVIEW	1	1.54 Mb FR
ELKVIEW	7	2.4K DDS
ELKVIEW	1	56Kb Frame Relay
ELLENBORO	1	56Kb Frame Relay
EVANS	1	2.4K DDS
FAIRMONT	10	1.54 Mb FR
FAIRMONT	1	1.54 Mb PP
FAIRMONT	11	1.54Mb DDS
FAIRMONT	85	2.4K DDS
FAIRMONT	4	56Kb DDS
FAIRMONT	4	56Kb Frame Relay
FAIRMONT	4	9.6 DDS or 19.2 DDS
FAIRMONT	1	DS-3 ATM- 45 Mb
FAIRVIEW	1	2.4K DDS
FALLING WATERS	3	2.4K DDS
FARMINGTON	1	1.54 Mb FR
FARMINGTON	1	2.4K DDS
FAYETTEVILLE	3	1.54 Mb FR
FAYETTEVILLE	7	2.4K DDS
FLATWOODS	1	2.4K DDS

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
FOLLANSBEE	12	2.4K DDS
FORT GAY	4	2.4K DDS
FOSTER	1	1.54 Mb PP
FOSTER	1	2.4K DDS
FRANKLIN	3	1.54 Mb FR
FRANKLIN	4	2.4K DDS
FRANKLIN	1	56Kb Frame Relay
FRAZIERS BOTTOM	1	2.4K DDS
FRENCH CREEK	1	1.54 Mb FR
FRENCH CREEK	1	2.4K DDS
GALLIPOLIS FERRY	1	2.4K DDS
Gary	1	2.4 DDS MP
GASSAWAY	2	2.4K DDS
GAULEY BRIDGE	2	2.4K DDS
GERRODSTOWN	1	2.4K DDS
GHENT	2	2.4K DDS
GILBERT	1	1.54 Mb FR
GILBERT	4	2.4K DDS
GLEN DALE	2	2.4K DDS
GLEN DANIEL	2	2.4K DDS
GLEN EASTON	1	2.4K DDS
GLEN FORK	1	2.4K DDS
GLEN JEAN	2	2.4K DDS
GLENDALE	1	2.4K DDS
GLENVILLE	2	1.54 Mb FR
GLENVILLE	4	2.4K DDS
GLENVILLE	1	56Kb Frame Relay
GLENVILLE	1	DS-3 ATM- 45 Mb
GORMANIA	1	2.4K DDS
GRAFTON	4	1.54 Mb FR
GRAFTON	7	2.4K DDS
GRAFTON	2	56Kb Frame Relay
GRANTSVILLE	2	1.54 Mb FR
GRANVILLE	1	2.4K DDS
GREENVILLE	2	2.4K DDS
GREENWOOD	1	1.54 Mb FR
HAMLIN	5	1.54 Mb FR
HARRISVILLE	2	1.54 Mb FR
HARTS	1	1.54 Mb FR
HARTS	1	1.54 Mb PP
HARTS	2	2.4K DDS
HEDGESVILLE	3	2.4K DDS
HENDERSON	1	2.4K DDS
HERNSHAW	1	2.4K DDS
HICO	3	2.4K DDS
HILLSBORO	1	1.54 Mb FR
HILLSBORO	1	1.54Mb ATM
HINES	1	2.4K DDS
HINTON	2	1.54 Mb FR
HINTON	8	2.4K DDS

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
HINTON	1	56Kb Frame Relay
HOLDEN	1	1.54 Mb FR
HOLDEN	2	2.4K DDS
HUNTINGTON	12	1.54 Mb FR
HUNTINGTON	2	1.54 Mb PP
HUNTINGTON	68	2.4K DDS
HUNTINGTON	2	56Kb Frame Relay
HUNTINGTON	1	OC3
HURRICANE	4	1.54 Mb FR
HURRICANE	19	2.4K DDS
HUTTONSVILLE	1	1.54 Mb FR
IAEGER	3	2.4K DDS
INSTITUTE	9	1.54 Mb FR
INSTITUTE	1	2.4K DDS
INSTITUTE	4	56Kb Frame Relay
INSTITUTE	1	OC3
INWOOD	1	1.54 Mb FR
INWOOD	8	2.4K DDS
JANE LEW	7	2.4K DDS
JESSE	1	2.4K DDS
JULIAN	1	1.54 Mb FR
JULIAN	1	2.4K DDS
JUNIOR	2	2.4K DDS
KEARNEYSVILLE	3	1.54 Mb FR
KEARNEYSVILLE	1	56Kb Frame Relay
Kegley	1	2.4 DDS MP
KENNA	1	2.4K DDS
KENOVA	6	2.4K DDS
KERMIT	3	2.4K DDS
KERNEYSVILLE	1	2.4K DDS
KEYSER	3	1.54 Mb FR
KEYSER	1	1.54 Mb PP
KEYSER	10	2.4K DDS
KEYSER	1	56Kb Frame Relay
KEYSER	1	DS-3 ATM- 45 Mb
Keystone	1	2.4 DDS MP
Kimball	1	2.4 DDS MP
KINCAID	1	2.4K DDS
KINGWOOD	3	1.54 Mb FR
KINGWOOD	6	2.4K DDS
KISTLER	3	2.4K DDS
KOPPERSTOWN	1	1.54 Mb FR
LAKIN	1	1.54 Mb FR
LAVALETTE	3	2.4K DDS
LENORE	1	2.4K DDS
LESAGE	1	2.4K DDS
LEWISBURG	10	1.54 Mb FR
LEWISBURG	2	1.54Mb ATM
LEWISBURG	36	2.4K DDS
LINSIDE	1	1.54 Mb FR

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
LOGAN	9	1.54 Mb FR
LOGAN	16	2.4K DDS
LOGAN	2	56Kb Frame Relay
LONDON	1	2.4K DDS
LOOKOUT	1	2.4K DDS
LOST CREEK	3	2.4K DDS
LUBECK	1	2.4K DDS
LUMBERPORT	2	2.4K DDS
MABEN	1	2.4K DDS
MACARTHUR	2	2.4K DDS
MADISON	3	1.54 Mb FR
MADISON	3	2.4K DDS
MADISON	1	56Kb Frame Relay
MALDEN	1	2.4K DDS
MAN	8	2.4K DDS
MANNINGTON	5	2.4K DDS
MARLINTON	3	1.54 Mb FR
MARLINTON	1	56Kb Frame Relay
MARMET	1	2.4K DDS
MARTINSBURG	13	1.54 Mb FR
MARTINSBURG	2	1.54Mb ATM
MARTINSBURG	57	2.4K DDS
MARTINSBURG	1	56Kb Frame Relay
MASON	4	2.4K DDS
Matoaka	1	2.4 DDS MP
McDowell	1	1.54 Mb FR
MEADOW BRIDGE	2	2.4K DDS
MIDDLEBOURNE	2	1.54 Mb FR
MIDDLEBOURNE	3	2.4K DDS
MILLSTONE	1	56Kb Frame Relay
MILLWOOD	1	2.4K DDS
MILTON	4	2.4K DDS
MINERAL WELLS	5	2.4K DDS
MONONGAH	1	2.4K DDS
MONTGOMERY	1	1.54 Mb FR
MONTGOMERY	3	2.4K DDS
MONTGOMERY	1	DS-3 ATM- 45 Mb
MOOREFIELD	5	1.54 Mb FR
MOOREFIELD	2	56Kb Frame Relay
MOOREFIELD	1	DS-3 FR 22MbPS
MORGANTOWN	10	1.54 Mb FR
MORGANTOWN	1	1.54 Mb PP
MORGANTOWN	70	2.4K DDS
MORGANTOWN	3	56Kb Frame Relay
MORGANTOWN	1	DS-3 ATM- 45 Mb
MORGANTOWN	1	OC3
MOUNDSVILLE	7	1.54 Mb FR
MOUNDSVILLE	13	2.4K DDS
MOUNDSVILLE	1	56Kb Frame Relay
MOUNT CLARE	4	2.4K DDS

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
MOUNT HOPE	3	2.4K DDS
MOUNT NEBO	1	2.4K DDS
MT HOPE	1	1.54 Mb FR
MT OLIVE	1	1.54 Mb FR
MT OLIVE	1	56Kb Frame Relay
MT STORM	1	2.4K DDS
MULLENS	1	1.54 Mb FR
MULLENS	4	2.4K DDS
MULLENS	1	56Kb Frame Relay
MYRTLE	1	2.4K DDS
NELLIS	1	2.4K DDS
NEOLA	1	1.54 Mb FR
NEOLA	1	2.4K DDS
NESTORVILLE	1	2.4K DDS
NETTIE	1	2.4K DDS
NEW CREEK	1	56Kb Frame Relay
NEW CUMBERLAND	2	1.54 Mb FR
NEW CUMBERLAND	3	2.4K DDS
NEW CUMBERLAND	1	56Kb Frame Relay
NEW MANCHESTER	1	2.4K DDS
NEW MARTINSVILLE	3	1.54 Mb FR
NEW MARTINSVILLE	2	1.54Mb ATM
NEW MARTINSVILLE	13	2.4K DDS
NEWBURG	2	2.4K DDS
NEWELL	3	2.4K DDS
NITRO	1	1.54 Mb FR
NITRO	8	2.4K DDS
NORTON	1	2.4K DDS
NUTTER FORT	5	2.4K DDS
OAK HILL	4	1.54 Mb FR
OAK HILL	1	1.54Mb ATM
OAK HILL	12	2.4K DDS
OAK HILL	2	56Kb Frame Relay
OCEANA	6	2.4K DDS
OMAR	2	2.4K DDS
ONA	2	2.4K DDS
PADEN CITY	1	2.4K DDS
PARKERSBURG	13	1.54 Mb FR
PARKERSBURG	66	2.4K DDS
PARKERSBURG	2	56Kb Frame Relay
PARKERSBURG	1	DS-3 ATM- 45 Mb
PARSONS	2	1.54 Mb FR
PARSONS	1	56Kb Frame Relay
PENNSBORO	2	2.4K DDS
PETERSBURG	2	1.54 Mb FR
PETERSBURG	1	56Kb Frame Relay
PETERSTOWN	1	2.4K DDS
PHILIPPI	3	1.54 Mb FR
PHILIPPI	6	2.4K DDS
PIEDMONT	2	2.4K DDS

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
PINCH	1	2.4K DDS
PINEVILLE	3	1.54 Mb FR
PINEVILLE	1	1.54 Mb PP
PINEVILLE	6	2.4K DDS
PINEVILLE	1	56Kb Frame Relay
PIPESTEM	1	1.54 Mb FR
PIPESTEM	1	2.4K DDS
PLEASANT VALLEY	1	1.54 Mb FR
PLEASANT VALLEY	2	2.4K DDS
POCA	4	2.4K DDS
POCA	1	56Kb Frame Relay
POWELLTON	1	2.4K DDS
Powhatan	1	2.4 DDS MP
Princeton	1	1.54 ATM (DS1)
Princeton	6	1.54 Mb FR
Princeton	26	2.4 DDS MP
Princeton	2	56Kb Frame Relay
PROSPERITY	1	2.4K DDS
PT PLEASANT	5	1.54 Mb FR
PT PLEASANT	7	2.4K DDS
PT PLEASANT	2	56Kb Frame Relay
PT PLEASANT	1	DS-3 ATM- 45 Mb
QUINWOOD	1	2.4K DDS
RAINELLE	5	2.4K DDS
RAVENSWOOD	6	2.4K DDS
READER	1	2.4K DDS
RED HOUSE	1	2.4K DDS
RED HOUSE	1	56Kb Frame Relay
RICHWOOD	3	2.4K DDS
RICHWOOD	1	56Kb Frame Relay
RIDGELEY	1	2.4K DDS
RIDGELY	2	2.4K DDS
RIDGEWAY	2	2.4K DDS
RIPLEY	6	1.54 Mb FR
RIPLEY	13	2.4K DDS
RIPLEY	1	56Kb Frame Relay
RIVESVILLE	1	2.4K DDS
ROANOKE	1	2.4K DDS
ROCK CAVE	1	2.4K DDS
ROCK CREEK	1	2.4K DDS
ROMNEY	5	1.54 Mb FR
ROMNEY	4	56Kb Frame Relay
RONCEVERTE	3	2.4K DDS
ROWLESBURG	3	2.4K DDS
RUPERT	1	56Kb Frame Relay
S CHARLESTON	19	2.4K DDS
SABRATON	1	2.4K DDS
SABRATON	1	56Kb Frame Relay
SALEM	1	1.54 Mb FR
SALEM	5	2.4K DDS

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
SALT ROCK	2	2.4K DDS
SANDSTONE	1	2.4K DDS
SARAH ANN	1	2.4K DDS
SAULSVILLE	2	1.54 Mb FR
SAULSVILLE	1	1.54 Mb PP
SCOTT DEPOT	1	1.54 Mb FR
SCOTT DEPOT	3	2.4K DDS
SHADY SPRING	1	56Kb Frame Relay
SHEPHERDSTOWN	2	1.54 Mb FR
SHEPHERDSTOWN	1	56Kb Frame Relay
SHINNSTON	1	1.54 Mb FR
SHINNSTON	5	2.4K DDS
SISSONVILLE	5	2.4K DDS
SISTERSVILLE	4	2.4K DDS
SISTERSVILLE	1	56Kb Frame Relay
SKELTON	1	2.4K DDS
SKELTON	1	56Kb Frame Relay
SMITHERS	4	2.4K DDS
SOPHIA	4	2.4K DDS
SOUTH CHARLESTON	4	1.54 Mb FR
SOUTH CHARLESTON	1	1.54 Mb PP
SOUTH CHARLESTON	1	1.54Mb ATM
SOUTH CHARLESTON	1	DS-3 ATM- 45 Mb
SPENCER	3	1.54 Mb FR
SPENCER	5	2.4K DDS
SPENCER	2	56Kb Frame Relay
ST ALBANS	1	1.54 Mb PP
ST ALBANS	16	2.4K DDS
ST ALBANS	1	56Kb Frame Relay
ST MARYS	3	1.54 Mb FR
ST MARYS	1	56Kb Frame Relay
STANAFORD	1	2.4K DDS
STAR CITY	1	2.4K DDS
STOLLINGS	3	2.4K DDS
SUMMERSVILLE	4	1.54 Mb FR
SUMMERSVILLE	2	1.54Mb ATM
SUMMERSVILLE	10	2.4K DDS
SUMMERSVILLE	2	56Kb Frame Relay
SUTTON	5	1.54 Mb FR
SUTTON	3	2.4K DDS
TALCOTT	1	2.4K DDS
TERRA ALTA	1	1.54 Mb FR
TERRA ALTA	4	2.4K DDS
TORNADO	1	2.4K DDS
TRIADELPHIA	7	2.4K DDS
TURTLE CREEK	1	2.4K DDS
UNEEDA	1	2.4K DDS
UNION	2	1.54 Mb FR
UNION	3	2.4K DDS
UNION	1	56Kb Frame Relay

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
VALLEY GROVE	2	2.4K DDS
VAN	1	2.4K DDS
VERDUNVILLE	1	1.54 Mb FR
VERDUNVILLE	1	1.54 Mb PP
VERDUNVILLE	2	2.4K DDS
VICTOR	1	2.4K DDS
VIENNA	11	2.4K DDS
War	3	2.4 DDS MP
WASHINGTON	2	2.4K DDS
WAYNE	3	1.54 Mb FR
WAYNE	1	56Kb Frame Relay
WEBSTER	1	1.54 Mb FR
WEBSTER SPRINGS	1	1.54 Mb FR
WEBSTER SPRINGS	2	56Kb Frame Relay
WEIRTON	1	1.54 Mb FR
WEIRTON	2	1.54Mb ATM
WEIRTON	46	2.4K DDS
WEIRTON	1	DS-3 FR 4MbPS
Welch	3	1.54 ATM (DS1)
Welch	6	1.54 Mb FR
Welch	3	2.4 DDS MP
Welch	3	56Kb Frame Relay
WELLSBURG	1	1.54 Mb FR
WELLSBURG	10	2.4K DDS
WEST COLUMBIA	1	1.54 Mb FR
WEST HAMLIN	1	56Kb Frame Relay
WEST LIBERTY	1	2.4K DDS
WEST LIBERTY	1	DS-3 ATM- 45 Mb
WEST MILFORD	1	2.4K DDS
WEST UNION	2	1.54 Mb FR
WEST UNION	3	2.4K DDS
WESTON	4	1.54 Mb FR
WESTON	2	1.54Mb ATM
WESTON	18	2.4K DDS
WESTON	2	56Kb Frame Relay
WESTOVER	2	2.4K DDS
WHEELING	12	1.54 Mb FR
WHEELING	1	1.54Mb ATM
WHEELING	6	1.54Mb DDS
WHEELING	55	2.4K DDS
WHEELING	2	56Kb DDS
WHEELING	1	56Kb Frame Relay
WHEELING	2	9.6 DDS or 19.2 DDS
WHEELING	1	DS-3 ATM- 45 Mb
WHITE SULPHUR SPRINGS	6	2.4K DDS
WHITE SULPHUR SPRINGS	1	56Kb Frame Relay
WHITESVILLE	3	2.4K DDS
WILEY FORD	2	2.4K DDS
WILKINSON	1	2.4K DDS
WILKINSON,	1	56Kb Frame Relay

CIRCUIT TYPE BY CITY

WEST VIRGINIA CITY	NUMBER OF CIRCUIT(S)	CIRCUIT TYPE
WILLIAMSON	6	1.54 Mb FR
WILLIAMSON	1	1.54 Mb PP
WILLIAMSON	2	2.4K DDS
WILLIAMSON	1	56Kb Frame Relay
WILLIAMSTOWN	8	2.4K DDS
WINFIELD	2	1.54 Mb FR
WINFIELD	5	2.4K DDS
WOODSDALE	1	2.4K DDS
WORTHINGTON	1	2.4K DDS
YAWKEY	1	2.4K DDS
TOTAL CIRCUITS THRU DATA 05	2220	

MODIFICATIONS TO RFP

1.19.13 (pages 21-22) – Change “billed to end-sure” to “billed to end-user” and delete “Describe in detail how the vendor plans to meet or exceed the aforementioned.”

1.19.14 (page 22) – Delete paragraph two of this specification in its entirety.

1.19.15 (page 22) – Delete “provide... deadlines).” and replace it with “keep the project on target, or failure to meet specified deadlines.”

3.1 (page 26) – Delete the MPLS implementation timeline and insert the following:

	1	2	3	4	5	6	7	8	9	12/07	12/08	Thru end of contract
MPLS Core	■	■	■	■	■	■						
DATA05							■	■	■	■	■	
VoIP										■	■	■
Centrex/DAIN										■	■	■

NOTE: This begins at award of the contract. The first 9 columns represent months; the large column represents multiple months until the final date of 12/08; and the last column represents through the end of the MPLS contract period.

Page 28 – Delete this page in its entirety. Refer to page 27 for quantities.

Page 29 – This page was enlarged and was made available to each attending vendor at the vendor conference.

3.1.3.1 (page 30) – Change this specification to a Mandatory and delete the last sentence.

3.1.14.3 (page 39) – Delete the first sentence.

3.1.14.3 (page 39) – Clarification: references to “toll free” calling throughout the RFP is not to be interpreted as 800# type service but a free local calling.

3.1.14.5 (page 39) – Only the first sentence will remain. The rest of the language in this specification is deleted.

3.1.15.2 (page 41) – Amend first of the four bullets by deleting “intrastate or interstate” and replacing it with “intrastate and interstate”.

3.1.16.3 (page 72) – Delete “VPN via Internet... in this section”.

3.1.21.1 (page 76) – Remove the specification number; the verbiage is information only.

3.1.21.2 (page 76) – Re-number to 3.1.21.1 and delete “Critical” and replace “should” with “shall” in both sentences in paragraph 1. This is a mandatory requirement.

3.1.21.3 (page 76) – Re-number to 3.1.21.2 and delete “Critical” and replace “should” with “shall”. This is a mandatory requirement.

3.2.2.1 (page 77) – The third sentence of this specification is deleted and replaced with “WVOT envisions the MPLS VPN architecture to be completed six months after award. The DATA05 conversion is to be completed by 12/08. Please refer to timeline revision for 3.1.1.

3.3.8 (page 84) – This specification will be modified to reflect the same requirements as in 3.2.4.2. The second sentence is deleted and replaced with “Scheduled maintenance should occur on an advance mutually agreed upon time table that has minimal to nominal impact to the existing agency or entity.”

3.5.1 (page 87) – Remove “as described in the CURRENT ENVIRONMENT section of this RFP and add “Telecommunications Change Request” before “TCR” in sentence one and put “TCR” in parenthesis..

3.12.2 (page 95) – Add “or voice line” after “Circuit ID”.

3.12.11 (page 96) – Add “or authorized user” at the end of sentence two.

3.12.13 (page 96) – Delete the second sentence.

3.2.14 (page 96) – Delete this specification.

3.2.15 (page 96) – Delete this specification.

3.16.1.13 (page 98) – Delete “only the office space and”.

3.16.2.1 (page 98) – Replace “page 24” with “page 27” and delete “and also noted again in Appendix A”.

3.16.5.2 (page 99) – Replace “Appendix G” with “Appendix F”

3.16.10.2 (page 101) – Delete “in Section five (5) of the WVOT contract controls” and replace it with “below”.

3.16.10.4 (page 101) – Delete in its entirety and replace with “[Critical] Acceptance Billing: The end users’ obligation to pay shall begin only after the service is accepted.”

3.17.1 – 3.17.6.7 (pages 102 and 110) – Throughout section 3.17, change “shall” to “should”, change “will” to “should, and change “mandatory in the highlighted sentences to “specification”. When a sentence starts with “It is required that the Vendor”, remove that portion and substitute “The Vendor should”.

3.17.1 – (page 103) – The first sentence of paragraph two is deleted and replaced by with “Scheduled maintenance should occur on an advance mutually agreed upon time table that has minimal to nominal impact to the existing agency or entity.”

Appendix A (page 117) – This Appendix is deleted in its entirety.