



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

Solicitation

NUMBER
ISCN0035

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
KRISTA FERRELL 304-558-2596

RECEIVED

Micrologic, Inc.
 Attn: Quote Requests
 PO Box 328
 Buckhannon, WV 26201

SHIP TO

DEPARTMENT OF ADMINISTRATION
 JOBSITE
 SEE SPECIFICATIONS

DATE PRINTED
09/28/2012

BID OPENING DATE: 10/09/2012 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		725-84		
INFORMATION ONLY FOR BROADBAND ENHANCEMENTS REQUEST FOR INFORMATION (RFI) THE WEST VIRGINIA DIVISION OF PURCHASING FOR THE AGENCY, THE WEST VIRGINIA OFFICE OF TECHNOLOGY, IS SOLICITING REQUESTS FOR INFORMATION FROM QUALIFIED VENDORS FOR BROADBAND ENHANCEMENTS PER THE ATTACHED SPECIFICATIONS. THIS IS A REQUEST FOR INFORMATION ONLY. NO CONTRACT AWARD SHALL BE MADE FROM THIS SOLICITATION. ***** THIS IS THE END OF RFQ ISCN0035 ***** TOTAL:						

RECEIVED
 2012 OCT -5 AM 10:09
 WV PURCHASING DIVISION

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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

RFI NUMBER ISCN0035 – IS&C NUMBER 2012-073

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SECTION ONE: GENERAL INFORMATION

1. **PURPOSE:** The Acquisition and Contract Administration Section of the Purchasing Division (“Purchasing Division”) is soliciting proposals through a Request for Information (“RFI”) that will allow the WV Office of Technology (“Agency”), to quickly identify additional enhancements or projects that can be added to the Broadband Technology Opportunities Project (“BTOP”) stimulus grant, subject to NTIA approval, that must be completed by January 31, 2013. Procurement of goods and services will not occur through this RFI, but identified proposals may be used to assist in developing additional solicitations to procure the needed goods and services.
2. **PROJECT:** The State of WV received authorization from the National Telecommunications Information Administration (NTIA) to proceed with the build out associated with the Broadband Technology Opportunities Project (BTOP) stimulus grant to be completed by the end of January 2013. The purpose of the grant is to:
 - a. Provide improved access to broadband service to consumers residing in underserved areas of the State of West Virginia;
 - b. Provide broadband education, awareness, training, access, equipment and support to: Schools, health care, public safety, libraries, court houses, jails and other community support organizations by or through these organizations:
 1. Organizations and agencies that provide outreach, access, equipment, and support services to facilitate greater use of broadband service by low-income, unemployed, aged, and otherwise vulnerable populations.
 2. Strategic facilities designed to create employment opportunities, within a State designated economic zone, Economic Development District designated by the Department of Commerce, Renewal Community, or Empowerment Zone designated by the Department

of Housing and Urban Development, or Enterprise Community designated by the Department of Agriculture.

- c. Provide improved access to, and use of, broadband service by public safety agencies;
- d. Stimulate the demand for broadband, economic growth and job creation.

The mission or purpose of this RFI is to seek project proposals to provide and implement broadband projects that fit within the scope and further the BTOP grant purposes outlined above, by utilizing funds awarded and governed by the State’s BTOP Grant award conditions. The proposals will be funded by BTOP funding that is not otherwise committed. The total of that funding at this time is estimated to be approximately \$9,000,000. That funding level is subject to change. No additional funding will be available for this purpose. The vendor should be prepared to provide a 20% in-kind or cash match per the Notice of Funding Available (NOFA) associated with the original grant along with documentation clearly detailing the match portion. All proposals are subject to approval by the NTIA and must comply with all terms and conditions of the current State of West Virginia BTOP grant, including being environmentally compliant, financially feasible and/or economically sustainable. Any cost associated with the proposal such as engineering, environmental assessments and construction must not exceed the estimated remaining funding.

Information associated with the BTOP grant that may be useful can be found at the following websites:

- Broadband USA Website www2.ntia.doc.gov
- General Information on WV Grant to date www.recovery.wv.gov
- Recipient handbook
http://www2.ntia.doc.gov/files/Recipient_Handbook_v1.1_122110.pdf
- Notice of Funding Availability (NOFA)
http://www.ntia.doc.gov/files/ntia/publications/fr_bbnofa_090709.pdf

3. SCHEDULE OF EVENTS:

Release of the RFI.....9/27/12
 Request for Information Opening Date.....10/9/12

SECTION TWO: INSTRUCTIONS TO VENDORS SUBMITTING PROPOSALS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for proposals. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements. All proposals should be submitted in accordance with the provisions contained in these instructions and the Solicitation. All proposals must adhere to Section 6.3.1 of the BTOP Recipient Handbook - "Post-Award Modification Requirements: Applicable To All Requests"

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall."

3. PRE-PROPOSAL MEETING: The item identified below shall apply to this Solicitation.

[x] A pre-proposal meeting will not be held prior to proposal opening.

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including that made at the mandatory pre-proposal conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. PROPOSAL SUBMISSION: All proposals must be signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the proposal opening. Any proposal received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The proposal delivery address is:

Department of Administration, Purchasing Division
2019 Washington Street East
P.O. Box 50130,
Charleston, WV 25305-0130

The proposal should contain the information listed below on the face of the envelope or the proposal may not be considered:

SEALED PROPOSAL

BUYER: BWlogic, LLC

SOLICITATION NO.: ISCN0035

PROPOSAL OPENING DATE: 10/9/2012 @ 1:30 PM

PROPOSAL OPENING TIME: 1:30 PM

FAX NUMBER: 304-472-4576 6577

7. PROPOSAL OPENING: Proposals submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a proposal after the proposal opening date and time will result in proposal disqualification. For purposes of this

Solicitation, a proposal is considered delivered when time stamped by the official Purchasing Division time clock.

Proposal Opening Date and Time: 10/09/2012 at 1:30 p.m.

Proposal Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
P.O. Box 50130,
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in proposal disqualification. The addendum acknowledgement should be submitted with the proposal to expedite document processing.

SECTION THREE: PROJECT SPECIFICATIONS

1. **Location:** Agency is located at 1900 Kanawha Boulevard, East Capitol Complex - Building 5, 10th Floor, Charleston, WV 25305 and the Project will be completed January 31, 2013.
2. **Background:** This RFI seeks input on technology deployment strategies that fit within the scope of the State of West Virginia's current BTOP grant award and would enhance the state's current broadband endeavors and encourage economic development. See Section One of this RFI for additional information.
3. **Project and Goals:** Submitted proposals should focus on projects that can be completed between now and January 31, 2013 and should be related to the following areas.
 - 3.1.1 Middle Mile Network Enhancement
A project design of fiber segments which will provide new infrastructure to extend network middle mile deeper into rural areas of West Virginia. These new fiber routes will be open access and should allow service providers to interconnect at connection points and extend network infrastructure to rural areas throughout the state.
 - 3.1.2 Wireless Facility Deployment Strategy
A project design consisting of an open access, wireless solution, which extends broadband Internet access to rural areas within the State of West Virginia.
 - 3.1.3 Other proposals that fall clearly within the original scope of the grant.

SECTION FOUR: TERMS AND CONDITIONS

By signing and submitting the RFI, the successful vendor(s) agrees to be bound by all the terms contained in this RFI.

1. *Certifications Related to Lobbying:*

Vendor(s) certifies that no federal appropriated funds have been paid or will be paid, by or on behalf of the company or an employee thereof, to any person for purposes of influencing or attempting to influence an officer or employee of any Federal entity, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any

Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement.

If any funds other than federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee or any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the vendor(s) shall complete and submit a disclosure form to report the lobbying.

2. Governing Law:

This RFI shall be governed by the laws of the State of West Virginia. The vendor(s) further agrees to comply with the Civil Rights Act of 1964 and all other applicable laws (Federal, State or Local Government) regulations.



MICROLOGIC INC.
AUTOMATION • TELECOMMUNICATIONS • SECURITY

Broadband Enhancement RFI
Request Number – ISCN0035

Micrologic, Inc. proposes that we would upgrade our current network backbone consisting of 17 tower sites covering 209 miles in central WV (attachment A). The upgrade would consist of high capacity licensed backhauls between the tower sites capable of 500 Mb total aggregate. We would also deploy 3 more links to existing tower sites where we have co-location agreements that are not currently being utilized (attachment: B,C,D). This upgrade would include 40 backhaul radios, 40 dishes, and the necessary labor to install the equipment. Phase I would cost approximately \$877,050.00.

The completion of Phase I would give us the bandwidth capacity to support high capacity access points capable of 90 Mb total aggregate to the end user which can be split between the upload and download at any ratio. Typically we use a ratio of 50 - 50% which would give the end user 45Mb up and down. Each site would require 4 access points that are capable of near line of site links operating at the 5.7 MHz frequency but have the characteristics of the 900 MHz frequency by using the latest technical developments at Cambium. These Access points were developed by Motorola but have since been purchased by Cambium. Phase II would cost approximately \$294,800.00.

Phase III would be installing the customer premise equipment. We currently have approximately 1100 customers and installations would commence as the local tower is equipped with the high capacity backhaul and access points. This phase would cost approximately \$547,250.00

This project would also require a larger router at our downstream provider at approximately \$20,000.00.

For this project, we would partner with Region 7, which would manage the funding and complete all clerical work at approximately \$40,000.00

Our total funding request would be approximately \$1,779,100.00. Micrologic Inc. would leverage its existing towers, equipment and facilities valued at \$456,500.00.

This proposal requires no actual construction which should negate any required studies or surveys. We have formulated a plan of action for rapid deployment to meet the January 31st deadline by contacting our suppliers whom and are confident that they could meet demand and complete all the licenses in the short time frame allowed.

We believe this enhancement meets the guide lines set by BTOP by enhancing broadband services to rural WV which is the core of our existing customer base. The 3 new sites would be providing service to customers that are currently un-served, at a relatively low cost. This network also has the capacity to provide bandwidth to any schools, health care, public safety, libraries, court houses, jails, or other community support organizations. The high though-put of this network would facilitate new businesses in our coverage area because of the low cost and higher bandwidth that is not currently available.

Thanks,



Mike Sherrell, VP
Micrologic, Inc. / 3wlogic, LLC
(304) 472-4596 (office)
(304) 613-9061 (cell)
mike@3wlogic.com

3WLOGIC, LLC

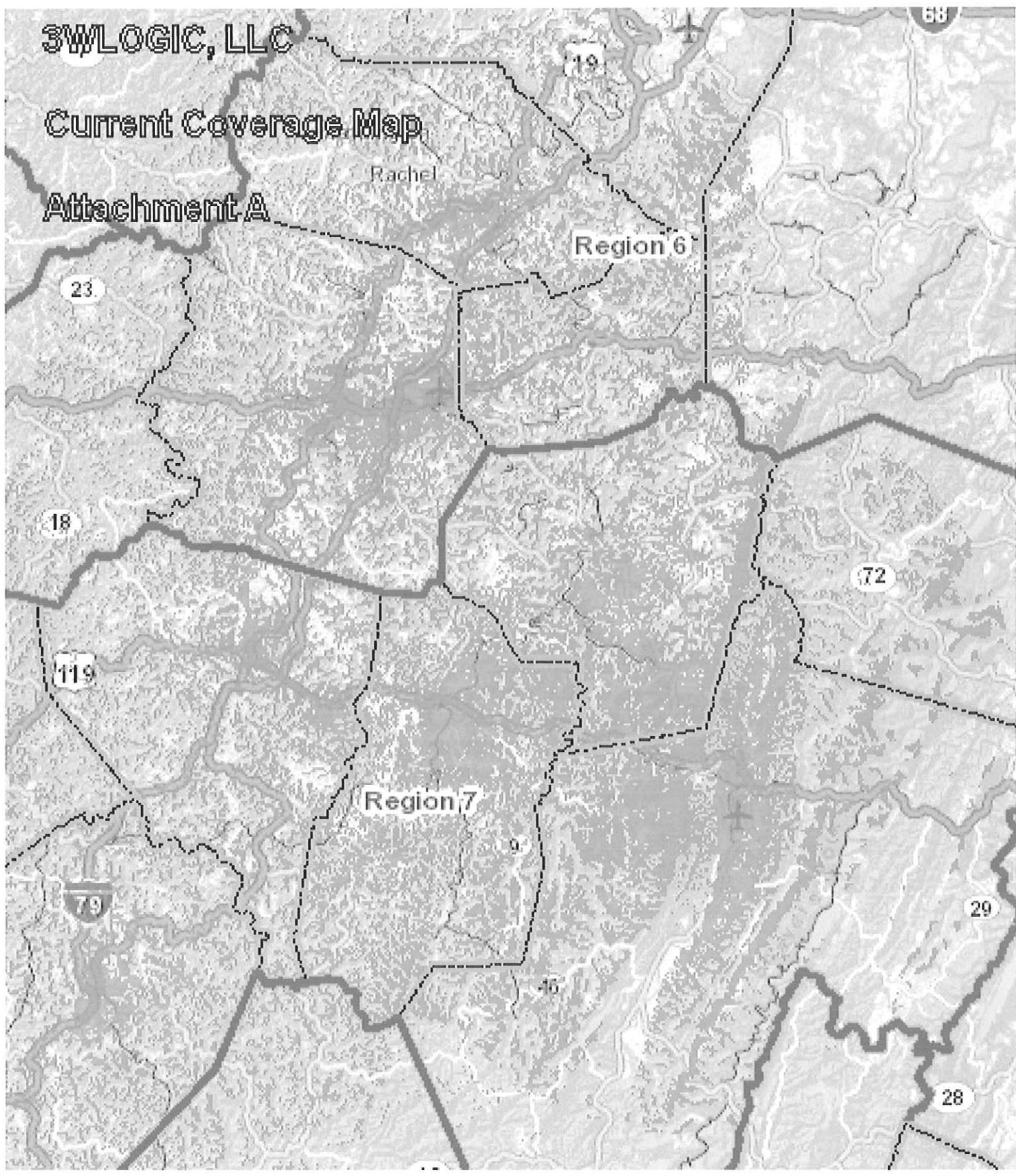
Current Coverage Map

Attachment A

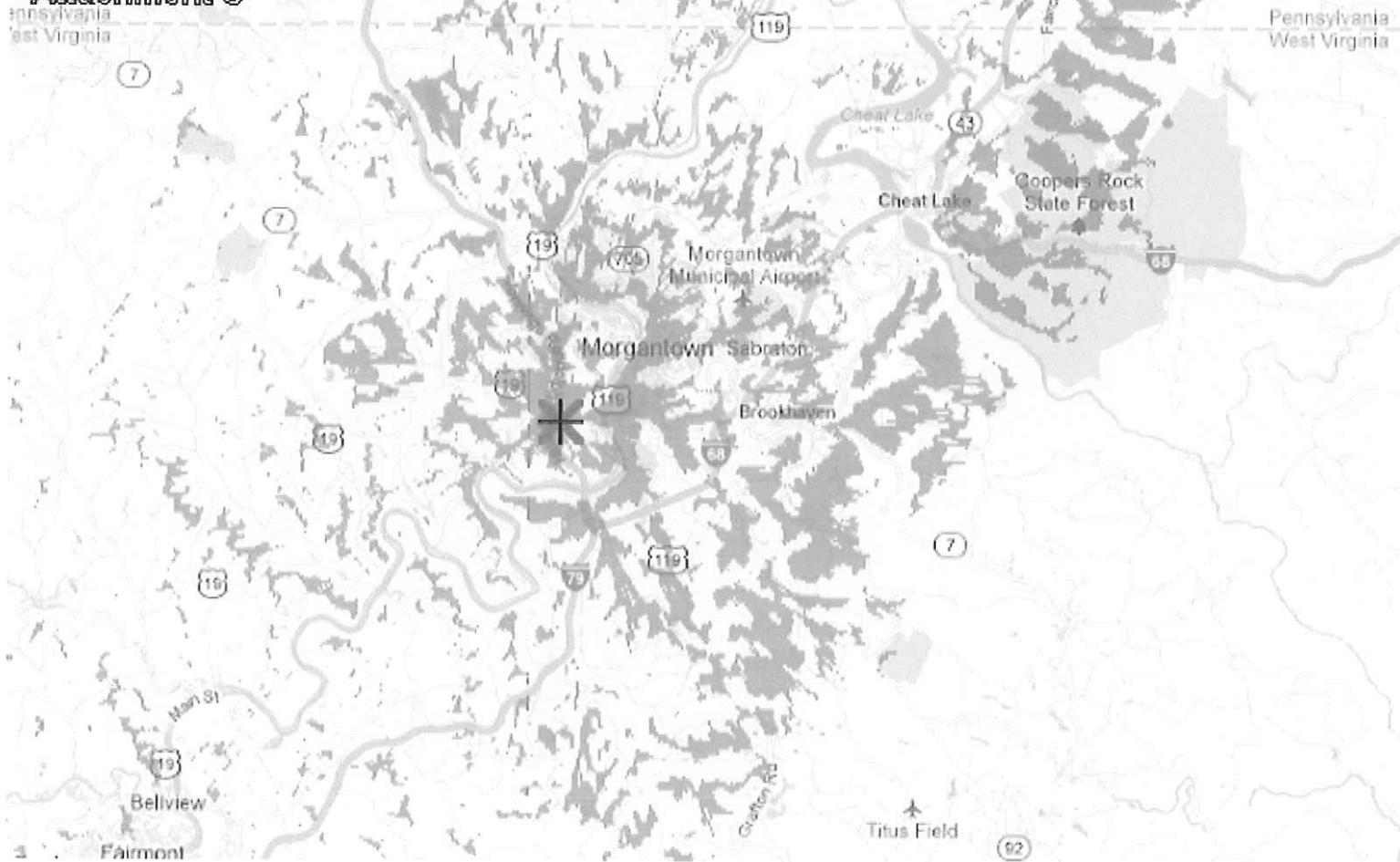
Rachel

Region 6

Region 7



**SWlogic, LLC
Harmony Grove Area
Co-location site utilizing existing agreement
Attachment C**



Click here to re

3WLOGIC, LLC
Idamay Area
Co-location Site utilizing existing agreement
Attachment D

