

**QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS**

General Information		
<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b>  Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b>  NT10BIX5570094	<b>3. DUNS Number</b>  019202949
<b>4. Recipient Organization</b>  Executive Office of the State of Mississippi 550 High Street Stillers Building Suite 1900, Jackson, MS 39201-1113		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  09-30-2012	<b>6. Is this the last Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.</b>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b>  David Johnson	<b>7c. Telephone (area code, number and extension)</b>  1601432812	
	<b>7d. Email Address</b>  David.Johnson@its.ms.gov	
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  11-14-2012	

**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**

WCC - On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures. During Q3, 2012, payment milestones were met for the completion of installation services of the LTE Core in the State Data Center for work completed prior to May 11, 2011. Payment milestones were also met for microwave services for Phase 2C & 2D of the MSWIN Network.

MedCom - The State of Mississippi received notification from the National Telecommunication and Information Administration that the Broadband Technology Opportunities Program has been partially suspended to evaluate Long Term Evolution spending in light of the formation of the First Responder Network Authority. In response to the above notification, RFP 3679 closure, response evaluation, vendor selection and contract negotiation has been delayed. Functionality testing continues for the Public Safety Answering System. Functionality testing continues for the Microwave connection between MedCom and the Sillers Building. Scheduling of land mobile radio installation continues.

**2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	45	Baseline for Q9 is 88%. On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures. During Q3, 2012, payment milestones were met for the completion of installation services of the LTE Core in the State Data Center for work completed prior to May 11, 2011. Payment milestones were also met for microwave services performed for Phase 2C & 2D of the MSWIN Network.
2b.	Environmental Assessment	0	N/A
2c.	Network Design	28	Baseline for Q9 is 83%. On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures. During Q3, 2012, Payment milestones were met for microwave services performed for Phase 2C & 2D of the MSWIN Network.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	0	Baseline for Q9 is 100% After further review of the construction required to accommodate the BTOP program, UMMC opted to pay for the bulk of the physical plant renovation out of UMMC funds.
2g.	Equipment Procurement	39	Baseline for Q9 is 92%. On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures. During Q3, 2012, Payment milestones were met for microwave services performed for Phase 2C & 2D of the MSWIN Network.
2h.	Network Build (all components - owned, leased, IRU, etc)	73	Baseline for Q9 is 92%. On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures. During Q3, 2012, Payment milestones were met for microwave services performed for Phase 2C & 2D of the MSWIN Network.
2i.	Equipment Deployment	43	Baseline for Q9 is 67%. On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures. During Q3, 2012, payment milestones were met for the completion of installation services of the LTE Core in the State Data Center for work completed prior to May 11, 2011.
2j.	Network Testing	0	Baseline for Q9 is 63%. On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures.
2k.	Other (please specify):	44	Baseline for Q9 is 76%. On May 11, 2012, Mississippi received a partial suspension from NTIA for all LTE-related expenditures. During Q3, 2012, Payment milestones were met for microwave services performed for Phase 2C & 2D of the MSWIN Network. Specific items in the initial baseline were reclassified and removed from the category. Engineering

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			services for training have been completed or invoiced. QA/QC Services paid with State Bond funds are included here as match.

**3. To the extent not covered above, please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

The State received a partial suspension from NTIA on May 11, 2012. At this time, the State has halted work on its LTE project for OVER 60 days and will likely incur costs associated with the re mobilization of crews necessary to restart the deployment of the LTE network. Additional state funds will also be expended for tower lease costs associated with the additional antenna loading. The State will also incur costs for LTE antennas hanging on MSWIN owned towers as well as leased towers, eNodeB equipment sitting in shelters, LTE antennas housed in warehouses, etc.

Further, should the construction of the LTE network stop, the State will suffer additional financial losses associated with suspending Motorola's contract. Because both the P25 and the LTE systems currently under construction are being provided by the same vendor, cost reductions were realized by avoiding a duplication of efforts.

**4. Please report the following information regarding network build progress. Write "0" in the Total column and "N/A" in the Narrative column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).**

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	428	The WCC's contractor completed installation of the microwave backhaul equipment for the MSWIN Phase 2 C & D sites in QTR 4, 2011. The contractor has completed factory acceptance testing for microwave backhaul equipment for all of the Phase 3 sites. Additional milestones related to microwave installation in Phase 3 may have been achieved during this quarter, however, these milestones have not been accepted by the WCC due to issues regarding the Davis Bacon Act. We also expected to be further along with the construction of the Phase 3 towers which would have allowed us to begin installation of the microwave backhaul equipment. The estimated timeline for the completion of Phase 3 towers is fourth quarter 2012 at which we should have completed all new network miles.
New network miles leased	0	N/A
Existing network miles upgraded	0	After discussions with our Program Manager, the State determined to allocate all BTOP funds specified for microwave backhaul to build new network miles instead of upgrading existing network backhaul
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	0	N/A
Number of new wireless links	24	The WCC's contractor completed installation of the microwave backhaul equipment for the MSWIN Phase 2 C & D sites in QTR 4, 2011. The contractor has completed factory acceptance testing for microwave backhaul equipment for all of the Phase 3 sites. Additional milestones related to microwave installation in Phase 3 may have been achieved during this quarter, however, these milestones have not been accepted by the WCC due to issues regarding the Davis Bacon Act. We also expected to be further along with the construction of the Phase 3 towers which would have allowed us to begin installation of the microwave backhaul equipment. The estimated timeline for the completion of Phase 3 towers is fourth quarter 2012 at which we should have completed all new wireless links.
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	0	N/A

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your sub recipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	0
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	0
Average term of signed agreements (in quarters)	0

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:  
N/A

5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product (100 words or less). Wholesale services description:  
N/A

5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a sub recipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this third party operates (600 words or less).

The State awarded a contract for the LTE equipment to Motorola Solutions, Inc. on June 23, 2011. The State will own the Core and eNodeBs. Contract negotiations included that Motorola provide a comprehensive operations program to manage and operate the Core and RAN network as well as provide network monitoring, maintenance and support and end user help desk services. The Project Director for Motorola is Jesse Brenton, Jesse.Brenton@motorolasolutions.com, 901-569-5899.

6. Please provide the data according to the type of subscriber. Write "0" in the Total column and "N/A" in the Narrative column if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (300 words or less).

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Broadband Wholesalers or Last Mile Providers	Providers with signed agreements receiving new access	0	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	The State awarded the contract for the LTE equipment to Motorola Solutions, Inc. on June 23, 2011. Subscriber loading would have begun in QTR 4, 2012 if the State had not received a partial suspension from NTIA for all LTE-related expenditures.
	Subscribers receiving new access	0	The State awarded the contract for the LTE equipment to Motorola Solutions, Inc. on June 23, 2011. Subscriber loading would have begun in QTR 4, 2012 if the State had not received a partial suspension from NTIA for all LTE-related expenditures.
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number or subscribers for each	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
<b>Residential / Households</b>	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
<b>Businesses</b>	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A

**7. Please describe any special offerings you may provide (600 words or less).**

No special offerings are anticipated at this time.

**8a. Have your network management practices changed over the last quarter?**  Yes  No

**8b. If so, please describe the changes (300 words or less).**

N/A

**9. Community Anchor Institutions:**

Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Figures should be reported for the most recent reporting quarter only (NOT cumulatively). Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (300 words or less).

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
N/A	N/A	N/A	N/A	N/A

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**

The State received a partial suspension from NTIA on May 11, 2012. At this time, the State has halted work on its LTE project for OVER 60 days and will likely incur costs associated with the re mobilization of crews necessary to restart the deployment of the LTE network. Additional state funds will also be expended for tower lease costs associated with the additional antenna loading. The State will also incur costs for LTE antennas hanging on MSWIN owned towers as well as leased towers, eNodeB equipment sitting in shelters, LTE antennas housed in warehouses, etc.

Further, should the construction of the LTE network stop, the State will suffer additional financial losses associated with suspending Motorola's contract. Because both the P25 and the LTE systems currently under construction are being provided by the same vendor, cost reductions were realized by avoiding a duplication of efforts.

The State does not anticipate any LTE accomplishments during this QTR other than the processing of invoices for work already

accomplished, as NTIA has partially suspended ALL LTE-related expenditures. The State anticipates the microwave backhaul equipment will be installed for 20 MSWIN LTE network links.

**2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Planned Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	54	The State does not anticipate any LTE accomplishments during this QTR other than the processing of invoices for work already accomplished, as NTIA has partially suspended ALL LTE-related expenditures. This should include payment milestones for the approval of the Detail Design Plan for Phase 3, delivery of ENodeBs to MSWIN tower sites, Antenna and Line installs for 20 MSWIN tower sites, services related to the LTE core, and microwave services for Phase 2 and Phase 3 tower sites. The State anticipates the microwave backhaul equipment will be installed for 20 MSWIN LTE network links.
2b.	Environmental Assessment	0	N/A
2c.	Network Design	65	The State does not anticipate any LTE accomplishments during this QTR other than the processing of invoices for work already accomplished, as NTIA has partially suspended ALL LTE-related expenditures. This should include payment milestones for the approval of the Detail Design Plan for Phase 3, services related to the LTE core, and microwave services for Phase 2 and Phase 3 tower sites.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	1	No site work is expected
2g.	Equipment Procurement	46	The State does not anticipate any LTE accomplishments during this QTR other than the processing of invoices for work already accomplished, as NTIA has partially suspended ALL LTE-related expenditures. This should include microwave services for Phase 2 and Phase 3 tower sites.
2h.	Network Build (all components - owned, leased, IRU, etc.)	88	The State does not anticipate any LTE accomplishments during this QTR other than the processing of invoices for work already accomplished, as NTIA has partially suspended ALL LTE-related expenditures. This should include payment milestones for the approval of the Detail Design Plan for Phase 3 and microwave services for Phase 2 and Phase 3 tower sites.
2i.	Equipment Deployment	44	The State does not anticipate any LTE accomplishments during this QTR other than the processing of invoices for work already accomplished, as NTIA has partially suspended ALL LTE-related expenditures. This should include payment milestones for Antenna and Line installs for 20 MSWIN tower sites. The State anticipates the microwave backhaul equipment will be installed for 20 MSWIN LTE network links.
2j.	Network Testing	0	N/A
2k.	Other (please specify):	78	The State does not anticipate any LTE accomplishments during this QTR other than the processing of invoices for work already accomplished, as NTIA has partially suspended ALL LTE-related expenditures. This should include microwave services for Phase 2 and Phase 3 tower sites.

**3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

The State received a partial suspension from NTIA on May 11, 2012. At this time, the State has halted work on its LTE project for OVER 60 days and will likely incur costs associated with the re mobilization of crews necessary to restart the deployment of the LTE network. Additional state funds will also be expended for tower lease costs associated with the additional antenna loading. The State will also incur costs for LTE antennas hanging on MSWIN owned towers as well as leased towers, eNodeB equipment sitting in shelters, LTE antennas housed in warehouses, etc.

Further, should the construction of the LTE network stop, the State will suffer additional financial losses associated with suspending Motorola's contract. Because both the P25 and the LTE systems currently under construction are being provided by the same vendor, cost reductions were realized by avoiding a duplication of efforts.

**Infrastructure Budget Execution Details**

**Activity Based Expenditures (Infrastructure)**

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Land, structures, right-of-ways, appraisals, etc.	\$11,846,954	\$11,846,954	\$0	\$9,808,085	\$9,808,085	\$0	\$10,358,870	\$10,358,870	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$7,512,236	\$107,700	\$7,404,536	\$1,449,637	\$106,165	\$1,343,472	\$2,424,132	\$106,165	\$2,317,967
e. Other architectural and engineering fees	\$1,686,378	\$0	\$1,686,378	\$5,188	\$0	\$5,188	\$5,188	\$0	\$5,188
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$11,813,924	\$0	\$11,813,924	\$3,598,391	\$0	\$3,598,391	\$5,269,340	\$0	\$5,269,340
j. Equipment	\$51,128,296	\$1,978,134	\$49,150,162	\$22,616,408	\$1,903,814	\$20,712,594	\$27,077,788	\$1,903,814	\$25,173,974
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	<b>\$83,987,788</b>	<b>\$13,932,788</b>	<b>\$70,055,000</b>	<b>\$37,477,709</b>	<b>\$11,818,064</b>	<b>\$25,659,645</b>	<b>\$45,135,318</b>	<b>\$12,368,849</b>	<b>\$32,766,469</b>
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>n. TOTALS (sum of l and m)</b>	<b>\$83,987,788</b>	<b>\$13,932,788</b>	<b>\$70,055,000</b>	<b>\$37,477,709</b>	<b>\$11,818,064</b>	<b>\$25,659,645</b>	<b>\$45,135,318</b>	<b>\$12,368,849</b>	<b>\$32,766,469</b>

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$0	b. Program Income to Date: \$0
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