

QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information		
1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	2. Award Identification Number NT10BIX5570094	3. DUNS Number 019202949
4. Recipient Organization Executive Office of the State of Mississippi 550 High Street Stillers Building Suite 1900, Jackson, MS 39201-1113		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2016	6. Is this the last Report of the Award Period? <input type="radio"/> Yes <input checked="" type="radio"/> No	
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.		
7a. Typed or Printed Name and Title of Certifying Official	7c. Telephone (area code, number and extension)	
	7d. Email Address	
7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):	

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).
On September 30, 2015, via Continuing Resolution, Congress extended the BTOP program to September 2020. The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.

Mississippi Tele-Assist System (MTAS): During 4th quarter of 2016, Med-Com continued logistical planning discussions and collaborations with key partners on the expansion of the Mississippi Tele-Assist System.

Integrated Public Safety Communications Center:During the 4th quarter of 2016, Med-Com held institutional planning meetings and discussions in preparation of the RFQ for architectural and engineering services for the Integrated Public Safety Communications Center. Discussions centered on building design and components, to include an enhanced and expanded Med-Com, a research and development center for mobile telemedicine applications, and an educational center on the use of technology for the deployment of emergency medicine applicants. A building site was also identified as part of these discussions. The RFQ was released by the University of Mississippi Medical Center's Office of Planning, Design, and Construction on November 28, 2016 with a close date of January 9, 2017.

Mission Critical Data for Public Safety - During the 4th quarter of 2016, the State worked with its vendor on project planning and negotiated, received approvals, and is in the process of formalizing the necessary contract modifications for this portion of the project. The State is utilizing its current contract with Motorola Solutions, Inc. to implement the components of this portion of the project.

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	58	Baseline is 100%. The original award period ended on December 31, 2013. All milestones are reflective as of the end of the original grant award period and activities associated with administrative closeout of the grant. The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.
2b.	Environmental Assessment	0	N/A
2c.	Network Design	64	Baseline is 100%. The original award period ended on December 31, 2013. All milestones are reflective as of the end of the original grant award period and activities associated with administrative closeout of the grant. The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	6	The original award period ended on December 31, 2013. Draw downs in this category since 12/31/13 were for contractual obligations related to the deconstruction of the statewide LTE network. All milestones are reflective as of the end of the original grant award period and activities associated with administrative closeout of the grant. The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			<p>focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.</p> <p>MedCom: There has been no activity this quarter.</p>
2g.	Equipment Procurement	47	<p>Baseline is 100%. The original award period ended on December 31, 2013. Draw-downs in this category since 12/31/13 were for the state's contractual obligations to its vendor (5% hold back) for work completed to date on the project. All milestones are reflective as of the end of the original grant award period and activities associated with administrative closeout of the grant.</p> <p>The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.</p> <p>MedCom: Ongoing installation of ambulance and hospital radios and radio programming.</p>
2h.	Network Build (all components - owned, leased, IRU, etc)	100	<p>Baseline is 100%. The original award period ended on December 31, 2013. All milestones are reflective as of the end of the original grant award period and activities associated with administrative closeout of the grant.</p> <p>The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.</p>
2i.	Equipment Deployment	56	<p>Baseline is 100%. The original award period ended on December 31, 2013. As a result, no milestones were achieved in this category during the quarter.</p> <p>The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.</p>
2j.	Network Testing	0	<p>Baseline is 100%. Budget modification removed this category as a tracking component of the Grant reporting.</p> <p>The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.</p>
2k.	Other (please specify):	89	<p>Baseline is 100%. The original award period ended on December 31, 2013. All milestones are reflective as of the end of the original grant award period and activities associated with administrative closeout of the grant.</p> <p>The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.</p>

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 is currently working through its internal processes to effectively dispose of the unused LTE equipment which has been removed from the MSWIN tower site locations.

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	1,344	The State has added a total of 1344 new network miles during the course of this project.
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	73	The State has added a total of 73 new wireless links during the course of this project.
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 this third party operates (600 words or less).

The Project Director for Motorola Solutions, Inc. is Case Irwin, case.irwin@motorolasolutions.com, 501-672-6803.

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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	239	N/A
	Subscribers receiving new access	7	N/A
	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
Residential / Households	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
Businesses	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).
N/A

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
Smith County	Raleigh	Local	No	To improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA.
Decatur, City of	Decatur	Local	No	To improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA.
Southwest Mississippi Community College	Summit	Local	No	To improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA.
Summit, City of	Summit	Local	No	To improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA.
Coahoma County	Clarksdale	Local	No	To improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA.
Union County	New Albany	Local	No	To improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA.
Tishomingo County	Iuka	Local	No	To improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA.

Project Indicators (Next Quarter)

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

During the next quarter, the State will begin working to finalize the contract amendments, meeting with vendors to finalize storage plan for equipment and asset tracking, and finalize the project schedule for the mission critical data portion of this project.

During the next quarter, a cross-disciplinary selection committee including clinical and operational directors of Med-Com as well as leaders of the University of Mississippi Medical Center's Office of Planning, Design, and Development, will review RFQ responses for architectural and engineering services of the Integrated Public Safety Communications Center. In-person interviews will be scheduled and held with top contenders, and a preferred vendor will be selected pending approval by the Mississippi Institutions of Higher Learning (IHL) Board of Trustees. The proposed contract is anticipated to go before the IHL Board for approval in March 2017.

Med-Com will also continue logistical planning and collaborative discussions for the Mississippi Tele-Assist System during the next quarter.

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	58	The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.
2b.	Environmental Assessment	0	N/A
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2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	6	The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.
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2j.	Network Testing	0	N/A
2k.	Other (please specify):	89	The State has submitted a formal grant modification request to NTIA to use the remaining BTOP funds to improve public safety communications focusing on three components - the Mississippi Tele-Assist System, the Integrated Public Safety Communications Center, and mission critical data for public safety which has been approved by NTIA. The State's grant award has been extended until June 30, 2020.

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 is currently working through its internal processes to effectively dispose of the unused LTE equipment which has been removed from the MSWIN tower site locations.

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	\$49,317	\$0	\$49,317	\$49,317	\$0	\$49,317
b. Land, structures, right-of-ways, appraisals, etc.	\$11,710,484	\$11,710,484	\$0	\$11,922,809	\$11,922,809	\$0	\$11,922,809	\$11,922,809	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$3,427,270	\$148,193	\$3,279,077	\$2,419,713	\$106,165	\$2,313,548	\$2,419,713	\$106,165	\$2,313,548
e. Other architectural and engineering fees	\$3,027,406	\$0	\$3,027,406	\$5,187	\$0	\$5,187	\$5,187	\$0	\$5,187
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	\$6,626,607	\$0	\$6,626,607	\$6,384,588	\$0	\$6,384,588	\$6,384,588	\$0	\$6,384,588
j. Equipment	\$59,196,021	\$2,074,111	\$57,121,910	\$27,832,866	\$1,903,814	\$25,929,052	\$27,832,866	\$1,903,814	\$25,929,052
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$83,987,788	\$13,932,788	\$70,055,000	\$48,614,480	\$13,932,788	\$34,681,692	\$48,614,480	\$13,932,788	\$34,681,692
m. Contingencies									
n. TOTALS (sum of l and m)	\$83,987,788	\$13,932,788	\$70,055,000	\$48,614,480	\$13,932,788	\$34,681,692	\$48,614,480	\$13,932,788	\$34,681,692

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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