QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Award Identification Number	3. DUNS Number
Department of Commerce, National Telecommunications and Information Administration	NT10BIX5570089	001325463

4. Recipient Organization

Motorola Solutions, Inc. 1303 East Algonquin Road, Schaumburg, IL 60196-4041

5. Current Reporting Period End Date (MM/DD/YYYY)	6. Is this the last Report of the Award Period?
09-30-2011	◯ Yes ⦿ 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)
Tom Breves	4107126590
	7d. Email Address
	tom.breves@motorolasolutions.com

7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):
Submitted Electronically	10-28-2011

Project Indicators (This Quarter)

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

Continued site engineering activities including transmission engineering, structural analysis and microwave frequency coordination/ interference analysis. Continued engineering efforts to finalize coverage requirements and backhaul design with the representative of the BayWEB jurisdictions . Conducted meetings with potential fiber providers and potential Public Access wholesalers. Successfully supported the formation of the Joint Power Authority (JPA) for the BayWEB system. Continued negotiations to complete a Build, Own, Operate and Maintain (BOOM) agreement for the BayWEB system between Motorola Solutions and the BayWEB JPA. Held competition and selected vendor for the LTE core and eNodeB equipment. Held initial kick-off meeting with the successful vendor.

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	2	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and other initial program delays.
2b.	Environmental Assessment	26	Although notifications and determinations were performed, the indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and other initial program delays.
2c.	Network Design	29	Motorola Solutions made significant progress in network design by supporting meetings with the BayWEB agencies to secure new fiber resources and resources to enhance the system backhaul capacity, and sites and developing additional engineering designs to support these enhancements. Motorola Solutions also conducted system design reviews with the Technical Advisory Committee. In addition, more PM and Engineering resources were added to move the design forward. Although these meetings and design work were performed the indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and other initial program delays.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and the finalization of a site use agreement with the BayWEB JPA.
2g.	Equipment Procurement	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and Motorola's decision to competitively bid the LTE core equipment.
2h.	Network Build (all components - owned, leased, IRU, etc)	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and Motorola's decision to competitively bid the LTE core equipment.
2i.	Equipment Deployment	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and Motorola's decision to competitively bid the LTE core equipment.
2j.	Network Testing	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and Motorola's decision to competitively bid the LTE core equipment.
2k.	Other (please specify):	14	The indicated variance is due to the deferment of staffing program management and other project positions until the sites are finalized and nearer to their scheduled implementation, and other deferred related staffing expenses such as relocation, travel and other costs.

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 BayWEB project continues to be challenged with the public partners' Joint Powers Authority capacity to affect the site readiness, backhaul commitment, resolution of open regulatory issues and completion of the business arrangement.

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	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and the finalization of a site use agreement with the BayWEB JPA.
New network miles leased	0	N/A
Existing network miles upgraded	0	N/A
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	0	N/A
Number of new wireless links	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and the finalization of a site use agreement with the BayWEB JPA.
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and the finalization of a site use agreement with the BayWEB JPA.

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:

Although the Project Baseline report indicated that Motorola Solutions would have three wholesale provider agreement in place, Motorola has held meetings with wholesale providers but has not finalized an agreement at this time.

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:

Not applicable as there are no agreements in place at this time.

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).
No third parties were designated to operate any part of this network.

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	Project baseline did not project any wholesale provider agreements during this quarter.
	Providers with signed agreements receiving improved access	0	Although the Project Baseline report indicated that Motorola Solutions would have three wholesale provider agreement in place, Motorola Solutions has held meetings with wholesale providers but has not finalized an agreement at this time.
	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	Due to the fact that no agreements have been finalized with wholesale providers, no tiers of service were available for this quarter.
Community Anchor Institutions (including Government institutions)	**Total subscribers served**	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and the finalization of a site use agreement with the BayWEB JPA.
	Subscribers receiving new access	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and the finalization of a site use agreement with the BayWEB JPA.
	Subscribers receiving improved access	0	The indicated variance from the baseline plan for the previous quarter occurred as a result of delays in the finalization and readiness of sites and the finalization of a site use agreement with the BayWEB JPA.
	Please identify the speed tiers that are available and the number or subscribers for each	0	Due to the fact that no agreements have been finalized with subscribers, no tiers of service were available for this quarter.
Residential / Households	**Entities passed**	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Total subscribers served	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Subscribers receiving new access	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Subscribers receiving improved access	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Per project baseline, no subscribers service were scheduled for this quarter.
Businesses	**Entities passed**	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Total subscribers served	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Subscribers receiving new access	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Subscribers receiving improved access	0	Per project baseline, no subscribers service were scheduled for this quarter.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Per project baseline, no subscribers service were scheduled for this quarter.

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

No special offerings were provided or anticipated to be provided during the quarter.

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).

Finalize the location of the BayWEB system core facility. Sign Site Use Agreements with all participating jurisdictions committing sites to the network. Support negotiations between the Joint Powers Authority (JPA) and potential backhaul providers. Complete negotiations for the BOOM agreement. Complete internal project audit by October 31st. Participate in scheduled NTIA Site Visit. Continue search for qualified wholesalers for the Public Access system. Enter into a contract with selected LTE equipment vendor.

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	4	Motorola Solutions is anticipating that the indicated variance from the baseline plan for the next quarter will occur as a result of continuing delays in the finalization and readiness of sites and other program delays.
2b.	Environmental Assessment	26	Fewer SHPO consultations were required at this point in the project.
2c.	Network Design	80	No variance.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	35	Motorola Solutions is anticipating that the indicated variance from the baseline plan for the next quarter will occur as a result of continuing delays in the finalization and readiness of sites and other program delays.
2g.	Equipment Procurement	0	Motorola Solutions is anticipating that the indicated variance from the baseline plan for the next quarter will occur as a result of continuing delays in the finalization and readiness of sites and other program delays.
2h.	Network Build (all components - owned, leased, IRU, etc.)	0	Motorola Solutions is anticipating that the indicated variance from the baseline plan for the next quarter will occur as a result of continuing delays in the finalization and readiness of sites and other program delays.
2i.	Equipment Deployment	0	Motorola Solutions is anticipating that the indicated variance from the baseline plan for the next quarter will occur as a result of continuing delays in the finalization and readiness of sites and other program delays.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2j.	**Network Testing**	0	Motorola Solutions is anticipating that the indicated variance from the baseline plan for the next quarter will occur as a result of continuing delays in the finalization and readiness of sites and other program delays.
2k.	**Other (please specify):**	18	Motorola Solutions is anticipating that the indicated variance from the baseline plan for the next quarter will occur as a result of continuing delays in the finalization and readiness of sites and other program delays.

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).

There is risk to completion of the listed project milestones within the next quarter due to the challenges of arriving at agreements related to site use, site readiness and operating agreements.

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.

Cost Classification	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		
	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	$165,000	$165,000	$0	$549,000	$166,000	$383,000	$694,000	$210,000	$484,000
b. Land, structures, right-of-ways, appraisals, etc.	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Relocation expenses and payments	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Architectural and engineering fees	$24,288,492	$9,528,787	$14,759,705	$483,000	$146,000	$337,000	$1,228,000	$371,000	$857,000
e. Other architectural and engineering fees	$3,362,099	$1,319,009	$2,043,090	$431,000	$130,000	$301,000	$579,000	$175,000	$404,000
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	$0	$0	$0	$0	$0	$0	$0	$0	$0
j. Equipment	$44,668,046	$10,877,290	$33,790,756	$0	$0	$0	$0	$0	$0
k. Miscellaneous	$0	$0	$0	$170,000	$51,000	$119,000	$266,000	$80,000	$186,000
l. SUBTOTAL (add a through k)	$72,483,637	$21,890,086	$50,593,551	$1,633,000	$493,000	$1,140,000	$2,767,000	$836,000	$1,931,000
m. Contingencies	$0	$0	$0						
n. TOTALS (sum of l and m)	$72,483,637	$21,890,086	$50,593,551	$1,633,000	$493,000	$1,140,000	$2,767,000	$836,000	$1,931,000

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