

RECIPIENT NAME:OpenCape Corporation

AWARD NUMBER: NT10BIX5570039

DATE: 02/27/2013

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

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 NT10BIX5570039	3. DUNS Number 825181949
4. Recipient Organization OpenCape Corporation 3225 Main Street, Barnstable, MA 02630-1105		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2012	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 Daniel Gallagher CEO	7c. Telephone (area code, number and extension) 5085245901	
	7d. Email Address dgallagher@opencape.com	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-27-2013	

Project Indicators (This Quarter)

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

OpenCape has completed installation of 222 route miles of fiber optic cable through Q4 2012 with an additional 62 route miles under construction or released for construction, for a total of 284 miles constructed or released for construction. A total of 31 route miles has been lit with the production electronics to begin initial calibration and testing. Make-ready work of the utility companies and construction was slowed due to Hurricane Sandy. Though long recovery period was not experienced on the Cape, utility crews and those of the build contractor's subcontractors were redeployed to New Jersey and New York for 3-5 weeks for restoration there.

OpenCape concluded agreements for all 10 of 11 regeneration sites. A last minute change delayed landlord execution of the final agreement that had been reported complete in the previous quarterly report. Negotiations with the landlord continued, as well as initial planning of an alternate location should final negotiations be unfruitful. DWDM and carrier Ethernet equipment is complete in 2 sites, and installation is underway in the remaining licensed sites for the receipt and installation of DWDM and other network equipment.

Contract for access to an existing riverbed conduit under the Taunton River in Fall River, MA were reported complete by the other party in the agreements, but the agreements have not yet been received by OpenCape. An award amendment request related to this agreement was approved.

OpenCape submitted an extension request from January 31, 2013 to September 30, 2013. Largely, continued delays in utility company make ready work continue to cause unexpected, uncontrollable delays in construction of the fiber network. Though completion of the project is expected well before September 2013, the lack of ability to consistently influence utility company make ready and the impact of storms supported the request for the maximum extension time period.

OpenCape has received all but three microwave tower licenses. One license previously reported complete was approved by the governing board, but additional lease terms continue to be negotiated. Civil engineering plan preparation continues, and permitting applications submitted for all licensed locations. Simultaneously, FCC interference studies were begun and submitted to the FCC for licensed spectrum allocation. OpenCape has received seven FCC licenses thus far. OpenCape's build contractor brought on a subcontractor as planned to specifically focus on the microwave network construction.

OpenCape's building renovation contractor, Stateside Construction, substantially completed the general renovation of the OpenCape Regional Collocation Center. Late delivery of electrical switchboard equipment from Siemens and a building power upgrade by NStar (the latter impacted by Hurricane Sandy) will delay completion of the Stateside work.

IBM began installation of Collocation Data Center equipment. Equipment racks, UPS, and cooling equipment installation began during this quarter per plan. Final commissioning of equipment will be dependent on the NStar power upgrade for the building.

Transition to the new CEO was effected during the quarter.

OpenCape submitted an award amendment request to change two towers and another to build 34 additional CAI laterals. These requests are still outstanding.

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)
--	-----------	------------------	---

--	--	--	--

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	77	OpenCape lags its Baseline Projection and federal expenditure pace for several reasons: 1) OpenCape pursued its grant with a construction contractor as a partner, but had to initiate a new RFP process six months into its grant; 2) the process of obtaining a Finding of No Significant Impact was far more lengthy than anticipated; 3) the process of negotiating the many legal contracts associated with the project has taken longer than anticipated; 4) Commonwealth of Massachusetts procurement laws have caused delays in obtaining underlying rights or leases from county and municipal entities; 5) the process of negotiating Master Agreements with utility pole and conduit owners took far longer than anticipated; 6) the capacity of utility companies to perform make ready assessment and make ready work is limited and insufficient using conventional processes; 7) pole survey and make ready work was negatively impacted by a Verizon strike and Hurricane Irene in August, and an unusual October 2011 Noreaster snow event; 8) the crossing of major waterways under difficult circumstances, lengthy processes, and high cost has required innovative and time consuming alternative strategy development; 9) Verizon New England reported in Q3 2011 that it had erred in conduit availability and reduced by several thousand feet the amount available for lease, requiring adjustments by OpenCape; 10) an insufficient response to an RFP for the design, build, and operation of the collocation data center resulted in the need to issue a separate RFQ for the design; 11) the need to implement an alternative pole placement in the NSTAR territory, to negotiate that placement, and perform a make ready reassessment was a major hurdle to beginning construction, but was unavoidable; 12) continued make ready delays from NStar including the impact of Hurricane Sandy in November 2012.; 13) late delivery of electrical switching equipment for the regional data center from Siemens.
2b.	Environmental Assessment	100	OpenCape received its original FONSI, but submitted an Environmental Assessment Amendment to reflect route and other changes. Approval of the EA Amendment was received in the fourth quarter of 2011.
2c.	Network Design	98	The design of the microwave, transport, and municipal RAN networks are complete and final fiber strand maps are near complete. Final patch panel assignments are in progress.
2d.	Rights of Way	95	All pole and conduit applications submitted, all assessments done, and all invoices for make ready paid. Pole make ready well underway and licenses flowing. All off-Cape path has been released for construction. Conduit lease applications are complete. OpenCape received easement for both bridge crossings of the Cape Cod Canal from the Army Corps of Engineers. Negotiating contract for crossing of the Taunton River. Licenses for all Cape Cod towers in hand or near issued. License for primary and secondary tower on Martha's Vineyard in hand.
2e.	Construction Permits and Other Approvals	95	All building and fiber network permits are in hand. Permits for installation of antennas on towers are in preparation and have been submitted for 6 locations. Initial review of requirements for all sites has been completed in preparation for final submissions.
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	92	One hundred percent of the fiber reels are in hand. All switching and routing equipment has been delivered. DWDM equipment assembly and configuration is complete. 75% of microwave radio equipment is in hand. Ordering of frequency specific components lags until final FCC licenses are approved. Generator for the regional data center has been installed on it's pad. Electical switchboard equipment remains to be received to complete hookup. Chillers, PDU, and UPS for the regional data center have been received and are in the process of being installed. All equipment cabinets have been installed.

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2h.	Network Build (all components - owned, leased, IRU, etc)	73	222 route miles of fiber have been installed and an additional 62 route miles have been released for construction. Underground construction on all backbone segments is complete. Twenty anchor laterals are complete and interior work finished. Cable pull through existing conduit for the second Cape Cod Canal crossing was completed.
2i.	Equipment Deployment	45	Construction of 2 regeneration sites including DWDM and carrier Ethernet equipment is complete. Construction and installation of equipment in 8 additional sites is underway.
2j.	Network Testing	30	Approximately 10% of the network is lit with production electronic equipment for final configuration, tuning, and testing. Other network testing will keep pace with the construction of segments of the network. Initial testing of all fiber was completed at delivery of the fiber. Additional fiber testing will occur when segments of the network are constructed and spliced end to end along each segment.
2k.	Other (please specify):	95	Additional contract work was required that has necessitated continued work through the fourth quarter.

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 completion of utility company make ready continued as the greatest threat to on time project completion. OpenCape worked with both NStar and Verizon in weekly conference calls to prioritize all make ready and expedite the make ready process. Verizon maintained a pace consistent with NStar release of licenses, but NStar remained the pacing factor. The impact of Hurricane Sandy was felt significantly as a slow down of make ready work and also reassignment of OpenCape's build contractor subcontractors to storm restoration work due to utility company preemptive contract rights. A significant portion of make ready was completed during the reporting period, but remained less than 100%.

After 8 months of NStar engineering work, a plan for delivery of a power upgrade to the regional colocation data center was received during the quarter, with a nebula 3-6 month completion period from NStar. The work was prioritized behind Hurricane Sandy impacts and other planned electrical upgrade work planned to support the entire Cape Cod area. OpenCape continued to work with NStar to receive a definitive construction schedule for the work, but the NStar schedule remained uncommitted.

Permitting for each of the 13 different jurisdictions continued. Those towns deemed to have the longest permitting time frames were prioritized. Permitting is complete on 2 sites with final construction drawings up for review and approval. A prioritized focus continued on the microwave portion of the network with weekly meetings to assess status and react to new jurisdictional requirements.

Massachusetts Department of Transportation inserted into several recent permits a requirement that OpenCape seek and obtain a Lease from Mass DOT for the use of the right of way along its highways prior to lighting services on its network. This is a recent change. OpenCape questions the authority of DOT to impose this requirement and the efficacy of this requirement for economic development throughout the Commonwealth. OpenCape will work with state authorities to eliminate this requirement from its permits. It is a major threat to sustaining the OpenCape network over time if not resolved in a satisfactory fashion.

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	222	Below goals of PIP. See Sections 2a and 3 above. A date of April 2013 is the estimated date for completion of construction of the fiber network, to be followed by a 5-8 week calibration, tuning, and testing period.
New network miles leased	0	N/A
Existing network miles upgraded	0	N/A
Existing network miles leased	0	N/A

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Number of miles of new fiber (aerial or underground)	222	Below goals indicated in PIP. Delays in utility company make ready causing delays in new fiber miles.
Number of new wireless links	0	Below goal in PIP. Unique process required in each of the 13 jurisdictions remained a challenge to negotiate, though it was well underway.
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	21	2 backbone and 19 CAI interconnection points established. Make ready delays impacted progress.

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: None 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: No services yet being offered.

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).

OpenCape awarded a contract to CapeNet LLC to design, build, and operate the OpenCape network. CapeNet LLC is a joint venture of Telecom Global Inc. and CapeNet Partners, Inc. CapeNet LLC is a contractor. The primary contact for CapeNet LLC is Alan Davis 1900 West Park Drive, Suite 280, Westborough, MA 01581, 508-983-1475.

OpenCape has licensed CapeNet LLC to operate sixty percent (60%) of the total fiber optic strands (User Fibers) in both dark and lit services to fulfill the obligations of the grant award.

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	No signed agreements in place. OpenCape and its design, build and operate contractor are engaging last mile providers in order to develop potential last mile solutions. Several companies are interested in offering services.
	Providers with signed agreements receiving improved access	0	No signed agreements in place. OpenCape and its design, build and operate contractor are engaging last mile providers in order to develop potential last mile solutions. Several companies are interested in offering services.
	Providers with signed agreements receiving access to dark fiber	0	No signed agreements for dark fiber lease have been signed with wholesale or last mile providers. OpenCape and its design, build and operate contractor are conducting outreach to encourage wholesalers and last mile provider leases.

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Please identify the speed tiers that are available and the number of subscribers for each	0	No speed tiers are as yet available as no wholesale or last mile provider agreements are yet in place. Network equipmeng is being configured such that a full breadth of speeds from 10 Mbps to 1000 Mbps Ethernet, 2.5 Gbps wavelengths of light, and dark fiber will be available.
Community Anchor Institutions (including Government institutions)	Total subscribers served	19	Though physical connections are complete for 19 CAIs, they await completion of the rest of the network before service will begin.
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	19	Though physical connections are complete for 19 CAIs, they await completion of the rest of the network before service will begin.
	Please identify the speed tiers that are available and the number or subscribers for each	0	No service is yet available. All non-state CAIs will initially be connected to the network with a 1 Gbps Ethernet connection with a shared 1 Gbps ethernet service offering. The full range of services defined above will be available if an individual CAI requires such service. State entities will be connected to fibers allocated to the state as part of the agreement for the matching grant. Discussions are underway with the state to facilitate provisioning of that service offering.
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).
 The selected network operator is required to offer services in excess of the Municipal Regional Area Network at discounted rates for non-profit and government entities.

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

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

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	Type of Anchor	Are you also the	Narrative description of how anchor institutions are using BTOP-
------------------	---------	----------------	------------------	--

	Area (town or county)	Institution (as defined in your baseline)	broadband service provider for this institution? (Yes / No)	funded infrastructure
Barnstable High School	Hyannis, MA	K-12	No	Connected, service not yet offered.
Mashpee High School	Mashpee, MA	K-12	No	Connected, service not yet offered.
Truro Central High School	Truro, MA	K-12	No	Connected, service not yet offered.
Upper Cape Regional Technical School	Bourne, MA	K-12	No	Connected, service not yet offered.
Wellfleet Elementary School	Wellfleet, MA	K-12	No	Connected, service not yet offered.
Dennis Memorial Library	Dennis, MA	Libraries	No	Connected, service not yet offered.
East Dennis Library (Jacob Sears)	East Dennis, MA	Libraries	No	Connected, service not yet offered.
Falmouth Public Library	East Falmouth, MA	Libraries	No	Connected, service not yet offered.
Jonathan Bourne Public Library	Bourne, MA	Libraries	No	Connected, service not yet offered.
Marstons Mills Public Library	Marstons Mills, MA	Libraries	No	Connected, service not yet offered.
Snow Library	Orleans, MA	Libraries	No	Connected, service not yet offered.
South Yarmouth Library	South Yarmouth, MA	Libraries	No	Connected, service not yet offered.
Truro Public Library	Truro, MA	Libraries	No	Connected, service not yet offered.
Wellfleet Public Library	Wellfleet, MA	Libraries	No	Connected, service not yet offered.
West Yarmouth Library	West Yarmouth, MA	Libraries	No	Connected, service not yet offered.
Town of Barnstable	Barnstable, MA	Other Community Support Org	No	Connected, service not yet offered.
Town of Chatham Elementary School	Chatham, MA	K12	No	Connected, service not yet offered.
Town of Sandwich DPW	Sandwich, MA	Other Community Support Org	No	Connected, service not yet offered.
Town of Truro	Truro, MA	Other Community Support Org	No	Connected, service not yet offered.

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, planned accomplishments include completion of all make ready work for the fiber network, all microwave permitting, and physical connection of 60 CAIs. To complete these efforts, all final regeneration facility and tower licenses will be required to be completed and the final agreements for crossing the Taunton River will be completed. OpenCape will complete 300 route miles of fiber, out of the total of 311 route miles (total of 336 miles of aerial and underground fiber). Four microwave links will have been completed.

 OpenCape anticipates that our designated network operator will have multiple service offerings for CAIs, businesses, and residential

users defined and several under test. Additionally, the operator plans on completing 3 reseller agreements for services offered on the OpenCape network.

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	90	OpenCape remains behind its original baseline for reasons described in Sections 2a and 3 above. For these reasons, OpenCape has requested a no cost extension to allow project completion. Utility company make ready will continue to be the pacing item.
2b.	Environmental Assessment	100	Complete.
2c.	Network Design	100	Additional design details for the municipal regional area network will be completed, as well as completion of as-build drawing at the completion of construction.
2d.	Rights of Way	100	All final permits and licenses for both the fiber and microwave networks will be completed.
2e.	Construction Permits and Other Approvals	100	All final permits and licenses for both the fiber and microwave networks will be completed.
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	98	Only equipment that may not have been received would be final frequency specific microwave equipment, or ancillary equipment for laser tuning on the fiber network uncovered during testing.
2h.	Network Build (all components - owned, leased, IRU, etc.)	90	All fiber construction should be complete. Final data center work may be delayed pending utility company power upgrade discussed above. Final microwave sites may lag depending on local jurisdictional approvals.
2i.	Equipment Deployment	95	All equipment associated with the fiber network should be deployed. Final microwave sites may lag depending on local jurisdictional approvals.
2j.	Network Testing	60	Network testing involves a 5-8 week process for final configuration and tuning of electronics, and long duration bit error rate testing. The testing will follow construction completion on a segmented basis to allow incremental acceptance of the network.
2k.	Other (please specify): Misc contract work	99	Additional contract work requirements will continue to be adjudicated as required to support the project.

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).

OpenCape has requested an extension to the project to allow completion of the network. If the extension is not granted, the entire network will be in jeopardy as an end to end connection is not yet possible on the network.

The challenges during the next quarter will be the continued make ready and slow progress of NStar in completing the power upgrade to the colocation data center. While escalated to top management levels within NStar, lack of progress continues.

Weather will be a challenge during the next quarter. Winter weather will impact the ability to complete outside work such as pulling the fiber cable and installing the microwave equipment. Any major winter event could cause asymmetric impacts on the construction completion.

Massachusetts Department of Transportation inserted into several recent permits a requirement that OpenCape seek and obtain a lease from Mass DOT for the use of the right of way along its highways prior to lighting services on its network. This is a recent change and one other operators do not appear to be subject to. MassDOT remains intransigent on the issue and has not responded to FOIA requests on the matter. OpenCape questions the authority of DOT to impose this requirement and the efficacy of this requirement for economic development throughout the Commonwealth. OpenCape will work with state authorities to eliminate this requirement from its permits. It is a major threat to sustaining the OpenCape network over time if it is not addressed.

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	\$1,280,532	\$419,300	\$861,232	\$1,790,311	\$637,274	\$1,153,037	\$1,955,311	\$637,274	\$1,318,037
b. Land, structures, right-of-ways, appraisals, etc.	\$750,000	\$750,000	\$0	\$750,000	\$750,000	\$0	\$750,000	\$750,000	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other architectural and engineering fees	\$1,515,885	\$325,000	\$1,190,885	\$1,686,950	\$580,869	\$1,106,082	\$1,941,760	\$610,869	\$1,330,891
f. Project inspection fees	\$814,114	\$165,000	\$649,114	\$250,704	\$9,954	\$240,750	\$250,704	\$9,954	\$240,750
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$100,000	\$20,000	\$80,000	\$88,835	\$86,005	\$2,830	\$88,835	\$86,005	\$2,830
i. Construction	\$24,364,298	\$4,110,000	\$20,254,298	\$16,955,664	\$2,962,569	\$13,993,096	\$20,036,545	\$3,562,569	\$16,473,976
j. Equipment	\$11,336,564	\$2,300,000	\$9,036,564	\$9,448,179	\$1,177,397	\$8,270,782	\$10,994,012	\$1,499,649	\$9,494,363
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$40,161,393	\$8,089,300	\$32,072,093	\$30,970,643	\$6,204,068	\$24,766,577	\$36,017,167	\$7,156,320	\$28,860,847
m. Contingencies									
n. TOTALS (sum of l and m)	\$40,161,393	\$8,089,300	\$32,072,093	\$30,970,643	\$6,204,068	\$24,766,577	\$36,017,167	\$7,156,320	\$28,860,847

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: \$5,000,000	b. Program Income to Date: \$3,574,636
---	--