

BTOP Comprehensive Community Infrastructure Detailed Budget

Please complete the General Budget Overview and Detailed Project Costs worksheets.

Please refer to the Comprehensive Community Infrastructure Grant Guidance for detailed instructions on the completing this upload.

Applicants are required to provide this upload as an Excel file, and not to convert it to a PDF prior to upload. Applicants should not alter the layout of the provided templates, except to insert additional line-items as needed in the Detailed Project Costs worksheet.

Important Update - 3/19/2010: This template has been updated with the addition of a new column in the Detailed Project Costs worksheet. The new column, titled "Cash Match Percentage" allows Applicants to specify the percentage of the line item cost that will be provided by the cash match. This column is only relevant if "Cash Match" is selected in column C (the "Match" column). If "Cash Match" is selected in column C, Applicants should specify a percentage in the Cash Match Percentage field--100% means that the line item will be paid for entirely from the cash match, 0% means that it is paid for entirely from the federal request, any other amount will allocate the costs between the federal request and the cash match.

Note that *it is not required for Applicants to use this updated template*. Applicants that submit their detailed budget using the previously available template will not be penalized. In the previous version of this template, selecting "Cash Match" in column C indicates that 100% of the line item cost will be paid from the cash match.

General Budget Overview

Budget	Federal Funding Request	Matching Funds (Cash)	Matching Funds (In-Kind)	Budget TOTAL	Last Mile Allocation	Middle Mile Allocation	Allocated TOTAL
Network & Access Equipment (switching, routing, transport, access)	\$12,043,199	\$3,010,800		\$15,053,999		\$15,053,999.00	\$15,053,999
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$54,229,457	\$13,557,364		\$67,786,822		\$67,786,821.75	\$67,786,822
Buildings and Land – (new construction, improvements, renovations, lease)	\$892,800	\$223,200		\$1,116,000		\$1,116,000.00	\$1,116,000
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)				\$0			\$0
Billing and Operational Support Systems (IT systems, software, etc.)				\$0			\$0
Operating Equipment (vehicles, office equipment, other)	\$13,952	\$3,488		\$17,440		\$17,440.00	\$17,440
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$2,334,122	\$583,531		\$2,917,653		\$2,917,653.00	\$2,917,653
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)	\$120,000	\$30,000		\$150,000		\$150,000.00	\$150,000
Site Preparation	\$5,760	\$1,440		\$7,200		\$7,200.00	\$7,200
Other				\$0			\$0
TOTAL BROADBAND SYSTEM:	\$69,639,291	\$17,409,823	\$0	\$87,049,114	\$0	\$87,049,114	\$87,049,114
Cost Share Percentage:	80.00%	20.00%	0.00%				

DETAIL OF PROJECT COSTS

COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

		Unit Cost	No. of Units	Total Cost	Cash Match Amount	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT				\$15,053,999		\$0	\$15,053,999	\$15,053,999		
Switching	4 Port 10/100/100 Switch	\$3,880.00	62	\$240,560.00	\$48,112		\$240,560.00	\$240,560	10. Equipment	Quote From Vendor
	Cisco 3560	\$6,000.00	4	\$24,000.00	\$4,800		\$24,000.00	\$24,000	10. Equipment	Quote From Vendor
	12 Port 10/100/1000 Switch	\$5,494.00	19	\$104,386.00	\$20,877		\$104,386.00	\$104,386	10. Equipment	Quote From Vendor
Routing	24 Port 10/100/1000 10Gbps Uplinks	\$13,520.00	12	\$162,240.00	\$32,448		\$162,240.00	\$162,240	10. Equipment	Quote From Vendor
	Metro 10 Gbps Ethernet Router	\$241,840.00	1	\$241,840.00	\$48,368		\$241,840.00	\$241,840	10. Equipment	Quote From Vendor
	Cisco 7206	\$81,000.00	5	\$405,000.00	\$81,000		\$405,000.00	\$405,000	10. Equipment	Quote From Vendor
	Cisco 10GE Enhanced	\$11,049.00	19	\$209,931.00	\$41,986		\$209,931.00	\$209,931	10. Equipment	Quote From Vendor
	Cisco XFP	\$4,424.00	19	\$84,056.00	\$16,811		\$84,056.00	\$84,056	10. Equipment	Quote From Vendor
Transport	40 Wave DWDM Optical Network	\$1,993,982.00	1	\$1,993,982	\$398,796		\$1,993,982.00	\$1,993,982	10. Equipment	Quote From Vendor
	Multiprotocol Optical/Switching	\$3,046,091.00	1	\$3,046,091	\$609,218		\$3,046,091.00	\$3,046,091	10. Equipment	Quote From Vendor
	Occam XFP	\$18,802.00	19	\$357,238	\$71,448		\$357,238.00	\$357,238	10. Equipment	Quote From Vendor
	Cyan Terminal	\$52,658.00	19	\$1,000,502	\$200,100		\$1,000,502.00	\$1,000,502	10. Equipment	Quote From Vendor
	Z33 ADM	\$35,000.00	14	\$490,000	\$98,000		\$490,000.00	\$490,000	10. Equipment	Quote From Vendor
	Z77 ADM	\$60,000.00	7	\$420,000	\$84,000		\$420,000.00	\$420,000	10. Equipment	Quote From Vendor
	Z33 AMP	\$20,000.00	9	\$180,000	\$36,000		\$180,000.00	\$180,000	10. Equipment	Quote From Vendor
	OPT 6100	\$25,000.00	8	\$200,000	\$40,000		\$200,000.00	\$200,000	10. Equipment	Quote From Vendor
	TA5000	\$45,500.00	16	\$728,000	\$145,600		\$728,000.00	\$728,000	10. Equipment	Quote From Vendor
	Fujitsu 4500	\$58,098.00	1	\$58,098	\$11,620		\$58,098.00	\$58,098	10. Equipment	Quote From Vendor
	Miscellaneous Colo	\$13,726.00	1	\$13,726	\$2,745		\$13,726.00	\$13,726	10. Equipment	Quote From Vendor
	Fujitsu 4500	\$89,474.00	1	\$89,474	\$17,895		\$89,474.00	\$89,474	10. Equipment	Quote From Vendor
	Miscellaneous Colo	\$13,726.00	1	\$13,726	\$2,745		\$13,726.00	\$13,726	10. Equipment	Quote From Vendor
	Fujitsu 4500	\$58,097.00	1	\$58,097	\$11,619		\$58,097.00	\$58,097	10. Equipment	Quote From Vendor
	Miscellaneous Colo	\$13,726.00	1	\$13,726	\$2,745		\$13,726.00	\$13,726	10. Equipment	Quote From Vendor
	Fujitsu 4500	\$52,690.00	1	\$52,690	\$10,538		\$52,690.00	\$52,690	10. Equipment	Quote From Vendor
	Miscellaneous Colo	\$13,726.00	1	\$13,726	\$2,745		\$13,726.00	\$13,726	10. Equipment	Quote From Vendor
	Fujitsu 4500	\$58,917.00	1	\$58,917	\$11,783		\$58,917.00	\$58,917	10. Equipment	Quote From Vendor
	Miscellaneous Colo	\$13,726.00	1	\$13,726	\$2,745		\$13,726.00	\$13,726	10. Equipment	Quote From Vendor
	Fujitsu 7420	\$40,577.00	1	\$40,577	\$8,115		\$40,577.00	\$40,577	10. Equipment	Quote From Vendor
	Fujitsu 7420	\$40,577.00	1	\$40,577	\$8,115		\$40,577.00	\$40,577	10. Equipment	Quote From Vendor
	Spares	\$37,693.00	1	\$37,693	\$7,539		\$37,693.00	\$37,693	10. Equipment	Quote From Vendor
	Zhone MXK 23" Platform Base System	\$24,380.00	30	\$731,400	\$146,280		\$731,400.00	\$731,400	10. Equipment	Quote From Vendor
	Cisco 6509 Base Platform	\$42,650.00	30	\$1,279,500	\$255,900		\$1,279,500.00	\$1,279,500	10. Equipment	Quote From Vendor
	Cisco ONS 15454 Base Platform	\$36,840.00	30	\$1,105,200	\$221,040		\$1,105,200.00	\$1,105,200	10. Equipment	Quote From Vendor
	Adtran MX2820 Mux	\$5,320.00	30	\$159,600	\$31,920		\$159,600.00	\$159,600	10. Equipment	Quote From Vendor
Access	Fujitsu 4500 Shelf	\$2,077.00	19	\$39,463	\$7,893		\$39,463.00	\$39,463	10. Equipment	Quote From Vendor
	C3	\$100,000.00	1	\$100,000	\$20,000		\$100,000.00	\$100,000	10. Equipment	Quote From Vendor
	G6	\$100,000.00	3	\$300,000	\$60,000		\$300,000.00	\$300,000	10. Equipment	Quote From Vendor
	G2	\$50,000.00	1	\$50,000	\$10,000		\$50,000.00	\$50,000	10. Equipment	Quote From Vendor
	Fujitsu Filler Panels	\$156.00	19	\$2,964	\$593		\$2,964.00	\$2,964	10. Equipment	Quote From Vendor
	Fujitsu Fan Units	\$387.00	19	\$7,353	\$1,471		\$7,353.00	\$7,353	10. Equipment	Quote From Vendor
	Fujitsu OC-48 Card	\$8,920.00	19	\$169,480	\$33,896		\$169,480.00	\$169,480	10. Equipment	Quote From Vendor
	Fujitsu OC-48 Card	\$8,920.00	19	\$169,480	\$33,896		\$169,480.00	\$169,480	10. Equipment	Quote From Vendor
	Fujitsu 10/100 Card	\$326.00	19	\$6,194	\$1,239		\$6,194.00	\$6,194	10. Equipment	Quote From Vendor
	Fujitsu CPU Card	\$1,825.00	19	\$34,675	\$6,935		\$34,675.00	\$34,675	10. Equipment	Quote From Vendor
	Fujitsu Shelf Com Card	\$1,090.00	19	\$20,710	\$4,142		\$20,710.00	\$20,710	10. Equipment	Quote From Vendor

	Fujitsu Alarm & Maint Card	\$830.00	19	\$15,770	\$3,154	\$15,770.00	\$15,770	10. Equipment	Quote From Vendor
	Fujitsu Optical Switch Cards	\$6,034.00	19	\$114,646	\$22,929	\$114,646.00	\$114,646	10. Equipment	Quote From Vendor
	Fujitsu Timing Cards	\$2,112.00	19	\$40,128	\$8,026	\$40,128.00	\$40,128	10. Equipment	Quote From Vendor
Other	Power & Tel Fiber Jumpers	\$221.00	19	\$4,199	\$840	\$4,199.00	\$4,199	10. Equipment	Quote From Vendor
	Occam 48 port 10GE blade	\$7,897.00	19	\$150,043	\$30,009	\$150,043.00	\$150,043	10. Equipment	Quote From Vendor
	Occam 6 slot chassis	\$2,323.00	19	\$44,137	\$8,827	\$44,137.00	\$44,137	10. Equipment	Quote From Vendor
	ADC Patch SP APC 96 Port	\$5,522.00	18	\$99,396	\$19,879	\$99,396.00	\$99,396	10. Equipment	Quote From Vendor
	ADC FIBER MANAGEMENT	\$728.00	18	\$13,104	\$2,621	\$13,104.00	\$13,104	10. Equipment	Quote From Vendor
	SPLIC NG ON ABOVE	\$221.00	18	\$3,978	\$796	\$3,978.00	\$3,978	10. Equipment	Quote From Vendor
OUTSIDE PLANT				\$67,786,822	\$0	\$67,786,822	\$67,786,822		
Cables	Fiber Build to Strands	\$41,525.63	1172.2	\$48,676,341.86	\$9,735,268	\$48,676,341.86	\$48,676,342	9. Construction	Consultation from multiple fiber installation contractors for fiber build for strand to strand. Installation of fiber optic cable and repair of any current infrastructure (make ready) labor includes aerial and underground construction. Variances between build costs are due to location issues and number of fiber strands in bundle.
	Fiber Build to Strands	\$2,000.00	1172.2	\$2,344,400.00	\$468,880	\$2,344,400.00	\$2,344,400	4. Architectural and engr.	Consultation from multiple fiber installation contractors. Engineering and surveying of fiber routes and prep for documentation of the permitting process
	Fiber Build to Strands	\$625.00	1172.2	\$732,625.00	\$146,525	\$732,625.00	\$732,625	6. Inspection fees	Average pole inspection fee at \$5.00 per pole with an average of 25 poles per mile. MDOT charges \$500 per mile for inspection.
	Fiber Build to Strands	\$6,000.00	1172.2	\$7,033,200.00	\$1,406,640	\$7,033,200.00	\$7,033,200	10. Equipment	Vendor Quote
	Fiber RU Strands	\$27,468.00	54	\$1,483,272.00	\$296,654	\$1,483,272.00	\$1,483,272	10. Equipment	Based on existing market rates for 20 Year IRU.
	Fiber RU Strands	\$330,000.00	5.5	\$1,815,000.00	\$363,000	\$1,815,000.00	\$1,815,000	10. Equipment	Negotiated included 1st year maintenance
	Central Office Access (Shared)	\$75,000.00	33	\$2,475,000.00	\$495,000	\$2,475,000.00	\$2,475,000	9. Construction	Consultation from Vendors who have built dual entrance access into central offices.
	Central Office Wiring Material	\$118,750.00	1	\$118,750.00	\$23,750	\$118,750.00	\$118,750	7. Site work	Quote From Vendor
	48 Strand Single Mode Direct Bury	\$44,205.00	2	\$88,410.00	\$17,682	\$88,410.00	\$88,410	10. Equipment	Quote From Vendor
	Anchor Tenant Access Laterals	\$43,969.00	37.81	\$1,662,467.89	\$332,494	\$1,662,467.89	\$1,662,468	10. Equipment	Consultation from two fiber installation contractors and Merit's own experience installing fiber into anchor tenants.
	Anchor Tenant Access	\$5,000.00	61	\$305,000.00	\$61,000	\$305,000.00	\$305,000	7. Site work	Consultation from two fiber installation contractors and Merit's own experience installing fiber into anchor tenants.
Conduits				\$0	\$0		\$0		
				\$0	\$0		\$0		
				\$0	\$0		\$0		
Ducts				\$0	\$0		\$0		
				\$0	\$0		\$0		
				\$0	\$0		\$0		
Poles	Telephone Poles	\$2,000.00	376	\$752,000.00	\$150,400	\$752,000.00	\$752,000	10. Equipment	Merit's experience and consultation with fiber installation contractors is that 1.5% of poles will need to be replaced. Cost for replacements in the areas of which fiber installation is being projected the estimated cost is \$2000 per pole.
				\$0	\$0		\$0		
				\$0	\$0		\$0		
Towers				\$0	\$0		\$0		
				\$0	\$0		\$0		
				\$0	\$0		\$0		
Repeaters				\$0	\$0		\$0		
				\$0	\$0		\$0		
				\$0	\$0		\$0		

Other	Fiber Hang Tags	\$2.50	30000	\$75,000.00	\$15,000		\$75,000.00	\$75,000	10. Equipment	Current Pricing of tags that Merit is currently using per Michigan State Law. The estimate of 100 poles per mile and Michigan State Law requires a tag at every pole attachment.
	Domed Marker Post	\$6,000.00	20	\$120,000.00	\$24,000		\$120,000.00	\$120,000	10. Equipment	Vendor Quote
	Underground tags	\$4.50	2500	\$11,250.00	\$2,250		\$11,250.00	\$11,250	10. Equipment	Tags for underground fiber per Michigan State Law.
	Installation Materials for site work ()	\$94,105.00	1	\$94,105.00	\$18,821		\$94,105.00	\$94,105	7. Site work	Quote From Vendor
		Unit Cost	No. of Units	Total Cost	\$0	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
BUILDINGS				\$1,116,000	\$0	\$0	\$1,116,000	\$1,116,000		
New Construction				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Pre-Fab Huts	10' X 20'	\$93,000.00		\$1,116,000	\$223,200		\$1,116,000.00	\$1,116,000	2. Land, structures	Quote From Vendor
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Improvements &				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Other				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
CUSTOMER PREMISE EQUIPMENT				\$0	\$0	\$0	\$0	\$0		
Modems				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Set Top Boxes				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Inside Writing				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Other				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS				\$0	\$0	\$0	\$0	\$0		
Billing Support				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Customer Care				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Other Support				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		

		Unit Cost	No. of Units	Total Cost	\$0	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
OPERATING EQUIPMENT				\$17,440	\$0	\$0	\$17,440	\$17,440		
Vehicles				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Office Equipment /	Computers	\$ 2,000.00	6	\$12,000	\$2,400		\$12,000.00	\$12,000	11. Misc.	Vendor Average
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Other	Phones	\$ 1,360.00	4	\$5,440	\$1,088		\$5,440.00	\$5,440	11. Misc.	4 cell phones, \$100 initial cost with and average of \$480 usage/yr, averaging between 2.5 and 3 years
				\$0	\$0			\$0		
				\$0	\$0			\$0		
PROFESSIONAL SERVICES				\$2,917,653	\$0	\$0	\$2,917,653	\$2,917,653		
Engineering Design	Project Engineering Management	\$ 242,314.00	2	\$484,628	\$96,926		\$484,628.00	\$484,628	4. Architectural and engr.	Two project engineers. 2.5 years at current average staff cost
	Project Engineering Assistants	\$ 200,535.50	2	\$401,071	\$80,214		\$401,071.00	\$401,071	4. Architectural and engr.	Two project engineers. 2.5 years at current average staff cost
	Pre Award Engineering	\$ 16,603.00	1	\$16,603	\$3,321		\$16,603.00	\$16,603	4. Architectural and engr.	Multiple staff engineers at actual cost and hours
	Project Engineering Travel	\$ 27,945.00	2	\$55,890	\$11,178		\$55,890.00	\$55,890	4. Architectural and engr.	9 months of travel, estimating 1.5 trips per month at average lodging, meals, and cost/mile
	Project Manager	\$ 465,919.00	1	\$465,919	\$93,184		\$465,919.00	\$465,919	4. Architectural and engr.	Project managers average going rate
	Project Network and Access Equipment Engineering	\$ 28,000.00	5	\$140,000	\$28,000		\$140,000.00	\$140,000	4. Architectural and engr.	Multiple design and field engineers estimated at current hourly rate
	Project Network and Access Equipment Engineering Travel	\$ 2,243.60	5	\$11,218	\$2,244		\$11,218.00	\$11,218	4. Architectural and engr.	Travel for multiple design and field engineers estimated e number of trips per month at average lodging, meals, and cost/mile
	Pre Award Engineering & Clerical Assistan	\$ 10,000.00	1	\$10,000	\$2,000		\$10,000.00	\$10,000	4. Architectural and engr.	Estimated hours for clerical assistance at current
	Project Manager Assistant	\$ 221,460.00	1	\$221,460	\$44,292		\$221,460.00	\$221,460	4. Architectural and engr.	Project manager assistant average going rate
	Project Manager Travel	\$ 29,000.00	1.5	\$43,500	\$8,700		\$43,500.00	\$43,500	4. Architectural and engr.	9 months of travel, estimating 1.5 trips per month at average lodging, meals, and cost/mile
Project				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Consulting	BBCGI Mapping Unserved/Underserved	\$ 20,000.00	1	\$20,000	\$4,000		\$20,000.00	\$20,000	1. Admin and Legal	Quote From Vendor
	Grant Specialist	\$ 300,518.00	1	\$300,518	\$60,104		\$300,518.00	\$300,518	1. Admin and Legal	Quote From Vendor
	Pre Award Accounting	\$ 3,660.00	1	\$3,660	\$732		\$3,660.00	\$3,660	1. Admin and Legal	Quote From Vendor
	Grant Specialist Assistant	\$ 180,310.00	1	\$180,310	\$36,062		\$180,310.00	\$180,310	1. Admin and Legal	Fiber splicing/OTDR testing/Optronic testing training going rates
	Grant Consulting	\$ 15,000.00	1	\$15,000	\$3,000		\$15,000.00	\$15,000	1. Admin and Legal	Fiber splicing/OTDR testing/Optronic testing training going rates
	Environmental Assessment	\$ 65,000.00	1	\$65,000	\$13,000		\$65,000.00	\$65,000	11. Misc.	Current estimate for environment assessment
	Lawyers Contract	\$ 30,000.00	1	\$30,000	\$6,000		\$30,000.00	\$30,000	1. Admin and Legal	Actual hours worked and hourly rate
	Lawyers Pre Award	\$ 6,250.00	1	\$6,250	\$1,250		\$6,250.00	\$6,250	1. Admin and Legal	Actual hours worked and hourly rate
Other	General Installation & Wiring per site	\$ 197,954.00	1	\$197,954	\$39,591		\$197,954.00	\$197,954	7. Site work	Quote From Vendor
	System Lineup & Test	\$ 84,204.00	1	\$84,204	\$16,841		\$84,204.00	\$84,204	4. Architectural and engr.	Quote From Vendor
	Deployment Charge	\$ 22,405.00	1	\$22,405	\$4,481		\$22,405.00	\$22,405	4. Architectural and engr.	Quote From Vendor
	Partner Training	\$ 15,800.00	1	\$15,800	\$3,160		\$15,800.00	\$15,800	11. Misc.	Fiber splicing/OTDR testing/Optronic testing training going rates
	Training	\$ 16,656.00	1	\$16,656	\$3,331		\$16,656.00	\$16,656	11. Misc.	Fiber splicing/OTDR testing/Optronic testing training going rates
	Insurance	\$ 43,500.00	1	\$43,500	\$8,700		\$43,500.00	\$43,500	11. Misc.	Current estimate for site work insurance
	Pre Award Accounting and Research	\$ 19,500.00	1	\$19,500	\$3,900		\$19,500.00	\$19,500	1. Admin and Legal	Actual hours worked and hourly rate
	Pre Award Accounting and Research	\$ 46,607.00	1	\$46,607	\$9,321		\$46,607.00	\$46,607	1. Admin and Legal	Actual hours worked and hourly rate

TESTING				\$150,000	\$0	\$0	\$150,000	\$150,000		
Network	Chromatic Dispersion Meter	\$ 150,000.00	1	\$150,000	\$30,000		\$150,000.00	\$150,000	10. Equipment	Current rate estimates
				\$0	\$0			\$0		
				\$0	\$0			\$0		
IT System				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
User Devices				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Test Generators				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Lab				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Servers/Computer				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		

		Unit Cost	No. of Units	Total Cost	\$0	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
OTHER UPFRONT COSTS				\$7,200	\$0	\$0	\$7,200	\$7,200		
Site	Power Improvements at AMP Sites	800	9	\$7,200	\$1,440		\$7,200	\$7,200	7. Site work	Current rate estimates
				\$0	\$0			\$0		
				\$0	\$0			\$0		
Other				\$0	\$0			\$0		
				\$0	\$0			\$0		
				\$0	\$0			\$0		
PROJECT TOTAL				\$87,049,114		\$0	\$87,049,114	\$87,049,114		

SF-424C Cross-check Totals	
1. Admin and Legal	\$621,845
2. Land, structures	\$1,116,000
3. Relocation expenses	\$0
4. Architectural and engr.	\$4,301,298
5. Other archit. and engr.	\$0
6. Inspection fees	\$732,625
7. Site work	\$723,009
8. Demolition/removal	\$0
9. Construction	\$51,151,342
10. Equipment	\$28,244,599
11. Misc.	\$158,396

Matching Contribution Cross-check Totals	
Federal Funding Request	\$69,639,291
Cash Match Contribution	\$17,409,823
In-kind Match Contribution	\$0

Approach to allocating Last Mile and Middle Mile costs: This project is only involved directly in a middle mile build and no costs are allocated to last mile.