

## **BTOP Comprehensive Community Infrastructure Community Anchor Institution and Network Points of Interest Detail Template**

Please complete the Anchor Institution Details worksheet by providing information on Community Anchor Institutions that will be directly connected by the proposed network as necessary. All Community Anchor Institutions should be given a type from the specification. A Community Anchor Institution is considered a minority-serving institution if it is a post-secondary educational institution with enrollment of minority students exceeding 50% of its total enrollment. The "Project Role" column only requires a word or two, or a short phrase, not a detailed explanation of the role of project partners and community anchor institutions provided in the essay portions of the application.

Please complete the Points of Interest worksheet by providing information on all points of interest. Points of interest (passive, non-environmentally controlled points of interconnection, e.g., collocation facilities, central offices, head ends, and other facilities, network access points to last mile service providers, Internet peering points, etc.) may be excluded. For each point of interest you may provide either a street address or geocoordinates (latitude and longitude). You must provide detail on what the point of interest is, whether it is already existing or will be created by the proposed project. Where more than one facility type applies, select the most appropriate facility type. For example, if a central office houses a point of interconnection, select central office as the facility type, or if a cell site is located on a tower, select tower as the facility type. Interconnection Available at the Facility field should be Yes if interconnection to the proposed network is available at that location, otherwise No. The brief description field is optional and may be used to convey a better understanding of what the facility is. You may use the space at the bottom of the table to provide additional notes, if desired.

**The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF upload. Additionally, applicants should not modify the format of this file.**

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## BTOP Comprehensive Community Infrastructure Subscriber Estimates Template

Please complete the complete the Subscriber Estimates worksheet.

All applicants should indicate their 8-year subscriber forecasts with a breakdown by type of subscriber (residential/individual, businesses, community anchor institutions, third party service providers) and service offerings. The names of the service offerings should match those provided in the Service Offering and Competitor Data upload, enabling reviewers to easily cross-reference between the two documents. The Year 0 column should be used to denote any existing customers within the Proposed Funded Service Area. In addition, applicants that project that they will have third party service provider customers should include a line for parties "Served by Third Party Service Providers," showing an estimate of how many residential/individual, community anchor institution, and business customers will be served by those service providers, as demonstrated in the example below. At the bottom of the table, applicants should provide customer totals across all service offerings, with and without customers indirectly served through a third party service provider (if applicable). Applicants should also include a brief discussion of their methodology for deriving these estimates.

In contrast to several other upload templates in this application, the data provided via this template will NOT be subject to automated processing. Applicants are permitted to modify the template layout in order to provide the most effective presentation of the data for their specific project, but such modifications are generally discouraged. Applicants should, in any case, ensure that they provide at least as much detail as the provided template requires. To the extent that you modify these templates please ensure that the print layouts are adjusted so that rows do not break across pages in a manner that will be difficult to understand. A PDF of this file will be automatically generated upon upload to Easygrants, and the print settings will be used to format the PDF file.

### EXAMPLE

Name of Service Offering	Customer Type	Year 0	Cumulative/ Net Add	Year 1				Year 2			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Mega-Metro E - 100 Mbps	Community Anchor Inst.	0	Cumulative	0	0	0	0	5	10	17	26
			Net Add	0	0	0	0	5	5	7	9
	Business	0	Cumulative	0	0	0	0	12	27	52	82
			Net Add	0	0	0	0	12	15	25	30
	Third Party Service Provider	0	Cumulative	0	0	0	0	1	2	4	6
			Net Add	0	0	0	0	1	1	2	2
Served by Third Party Service Providers	Indirect - Res./Ind.	0	Cumulative	0	0	0	0	1000	3000	5000	10000
			Net Add	0	0	0	0	1000	2000	2000	5000
	Indirect - Business	0	Cumulative	0	0	0	0	2	8	18	30
			Net Add	0	0	0	0	2	6	10	12
	Indirect - Com. Anchor Inst.	0	Cumulative	0	0	0	0	0	2	3	5
			Net Add	0	0	0	0	0	2	1	2

## Broadband Subscriber Estimates

Name of Service Offering	Customer Type	Year 0	Cumulative/ Net Add	Year 1				Year 2				Year 3				Year 4	
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
MSWIN 700 LTE Wireless Mobile Broadband	Community Anchor Inst.		Cumulative		0	0	311	622	933	1244	1555	1866	2177	2488	2799	3110	3421
			Net Add				311	311	311	311	311	311	311	311	311	311	311
			Cumulative														
			Net Add														
			Cumulative														
			Net Add														
			Cumulative														
			Net Add														
<b>Cumulative Totals (excluding Indirect)</b>	Residential/Individual		Total														
	Business		Total														
	Community Anchor Inst.		Total	0	0	0	311	622	933	1244	1555	1866	2177	2488	2799	3110	3421
	Third Party Service Provider		Total														
<b>Cumulative Totals (including Indirect)</b>	Residential/Individual		Total														
	Business		Total														
	Community Anchor Inst.		Total	0	0	0	311	622	933	1244	1555	1866	2177	2488	2799	3110	3421
			Total														

**Table of Customer Types**

Residential/Individual
Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.

**Explanation of Methodology:**

The 13 State agencies initially participating in the MSWIN narrowband voice network have 3,418 mobile radios. We estimate that 75% of those will utilize broadband data as well. These subscribers will come onto the Broadband network over the first 3 years. ( 214 per quarter)

There are 1,063 entities including Public Safety, Universities, Community Colleges, and Healthcare providers that will probably utilize a fixed site wireless connection to the MSWIN Broadband network (1063/32 quarters = 33). Additionally, we estimate that approximately 25 public safety vehicles per county would be equipped with broadband over the course of the eight years (25x82=2050, 2050/32=64).

Name of Service Offering	Customer Type	Year 4		Year 5				Year 6				Year 7				Year 8		
		Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
MSWIN 700 LTE Wireless Mobile Broadband	Community Anchor Inst.	3732	3829	3926	4023	4120	4217	4314	4411	4508	4605	4702	4799	4896	4993	5090	5187	5284
		311	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
Cumulative Totals (excluding Indirect)	Residential/Individual Business																	
	Community Anchor Inst.	3732	3829	3926	4023	4120	4217	4314	4411	4508	4605	4702	4799	4896	4993	5090	5187	5284
	Third Party Service Provider																	
Cumulative Totals (including Indirect)	Residential/Individual Business																	
	Community Anchor Inst.	3732	3829	3926	4023	4120	4217	4314	4411	4508	4605	4702	4799	4896	4993	5090	5187	5284

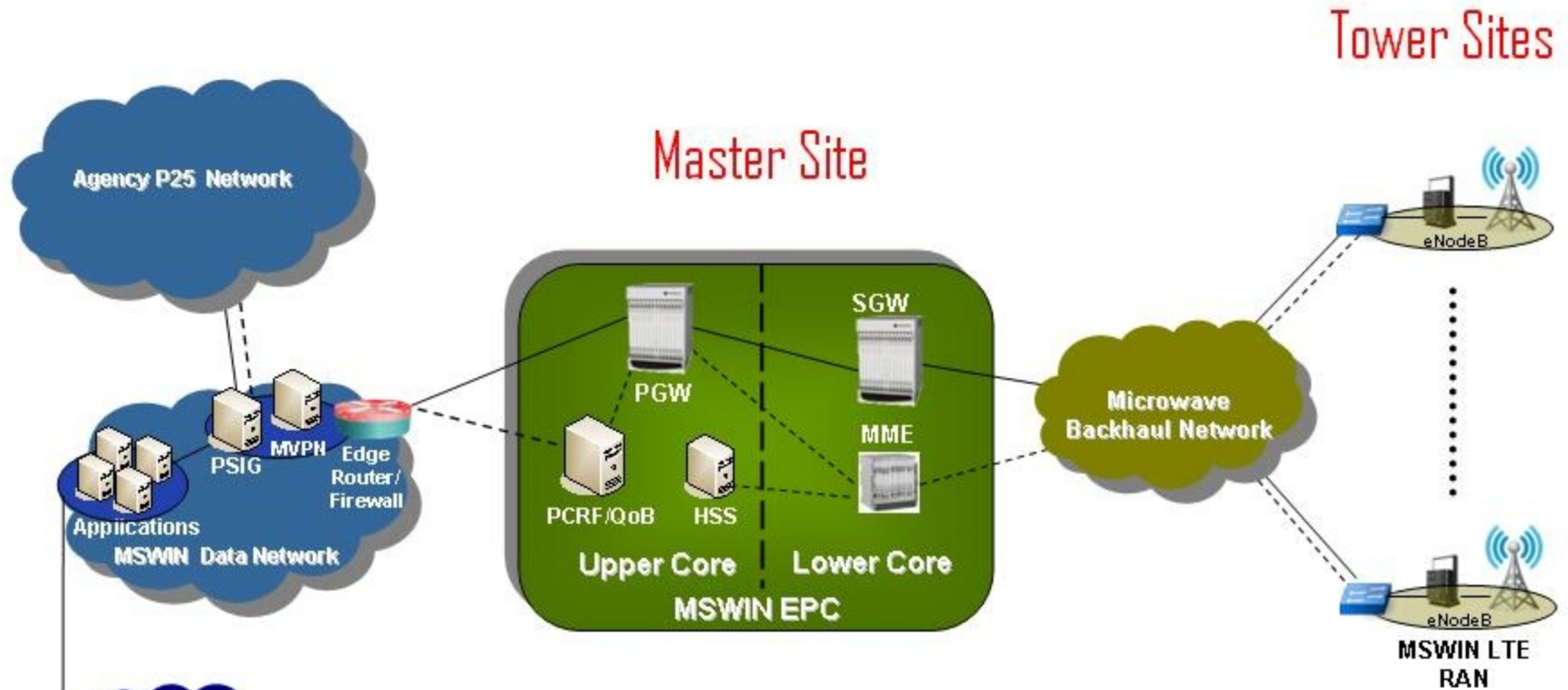
**Table of Customer Types**

Residential/Individual Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.

Name of Service Offering	Customer Type	Qtr 4
		MSWIN 700 LTE Wireless Mobile Broadband
Cumulative Totals (excluding Indirect)	Residential/Individual Business	
	Community Anchor Inst.	5381
	Third Party Service Provider	
Cumulative Totals (including Indirect)	Residential/Individual Business	
	Community Anchor Inst.	5381

**Table of Customer Types**

Residential/Individual
Business
Community Anchor Inst.
Third Party Service Provider
Indirect - Res./Ind.
Indirect - Business
Indirect - Com. Anchor Inst.



- IP Data Plane —————
- Control Plane - - - - -
- MME – Mobility Management Entity
- SGW – Serving Gateway
- PGW – Packet Gateway
- HSS – Home Subscriber Service
- PCRF – Policy Charging Rules Function
- PSIG – Public Safety Integration Gateway
- MVPN – Mobile Private Virtual Network
- RAN – Radio Access Network
- LTE – Long Term Evolution

## **BTOP Comprehensive Community Infrastructure Service Area Template**

Please complete the complete the CCI Service Area worksheet. In each line you will provide name of a service area and one of the contiguous Census tracts or block groups that make up a service area. Please provide full 11-digit Census tract numbers, includes the 2-digit State FIPS the 3-digit county code, followed by a unique 6-digit tract number. For Census block group provide the full tract number, plus the 1-digit block group number (12 digits total). If there is more than one Census tract or block group in a service area, there will be multiple lines in the table for that service area. It is critical that the service area names provided in this table match with service area names provided in the Service Area Details page of the application. Please review the application document and Service Area Details page for consistency before submitting your application.

Important Note: Excel truncates leading zeros from numbers. Consequently, the tract/block group column on the worksheet has been formatted as text. This formatting should not be altered as the validity of your data may be compromised.

The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF prior to upload. Additionally, applicants should not modify the format of this file (*e.g.* by adding or removing worksheets). Do not leave blank lines in the table between service areas.

### **EXAMPLE**

Service Area Name	Tract or Block Group #
Big BB Project South	01001020100
Big BB Project South	01001020100
Big BB Project South	010010202001
Big BB Project West	01001020400
Big BB Project North	01001020800
Big BB Project North	010010209002



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**BTOP CCI Service Area Template**

Title: **Mississippi Education, Safety, and Health Network**  
Easy Grants ID: **4289**

Service Area Name	Tract or Block Group #
MESHNet Funded Service Area	28001000200
MESHNet Funded Service Area	28163950600
MESHNet Funded Service Area	28001000100
MESHNet Funded Service Area	28001000300
MESHNet Funded Service Area	28001000400
MESHNet Funded Service Area	28001000500
MESHNet Funded Service Area	28001000600
MESHNet Funded Service Area	28001000700



# **Comprehensive Community Infrastructure** **Budget Narrative Template**

**Applicant Name: Mississippi Education, Safety, and Health Network**

**EasyGrants Number: 4289**

**Organization Type: Government**

**Proposed Period of Performance: October 1, 2010-September 30, 2013**

**Total Project Costs: \$151,744,199**

**Total Federal Grant Request: \$121,262,515**

**Total Matching Funds (Cash): \$0**

**Total Matching Funds (In-Kind): \$30,481,684**

**Total Matching Funds (Cash + In-Kind): \$30,481,684**

**Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 20.09%**

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**1. Administrative and legal expenses - \$0**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

**2. Land, structure, rights-of-way, appraisals, etc. - \$2,156,274**

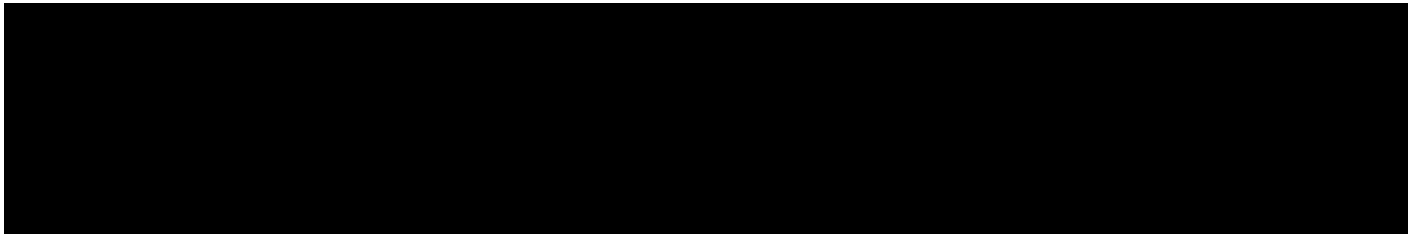
**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**



**3. Relocation expenses and payment - \$0**



**4. Architectural and engineering fees - \$26,608,426**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**



**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

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**5. Other architectural and engineering fees - \$0**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

N/A

**6. Project inspection fees - \$0**

**- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

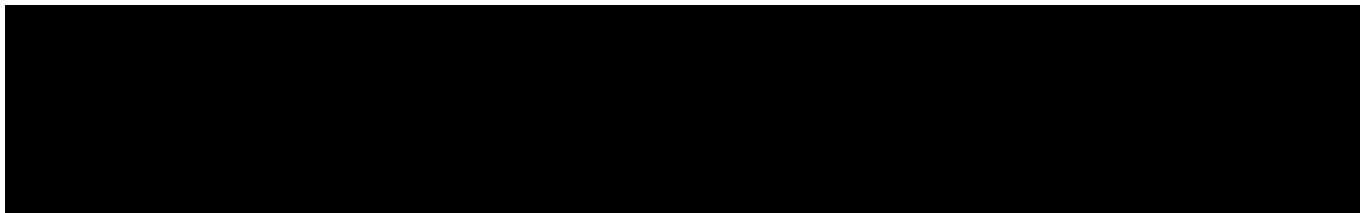
N/A

**7. Site work - \$0**

**8. Demolition and removal - \$0**

**9. Construction - \$20,508,507**

**- Provide description of estimated fees, rates, explanation of proposed services, state whether the work is being completed by the applicant or an outside contractor, and additional information as needed.**

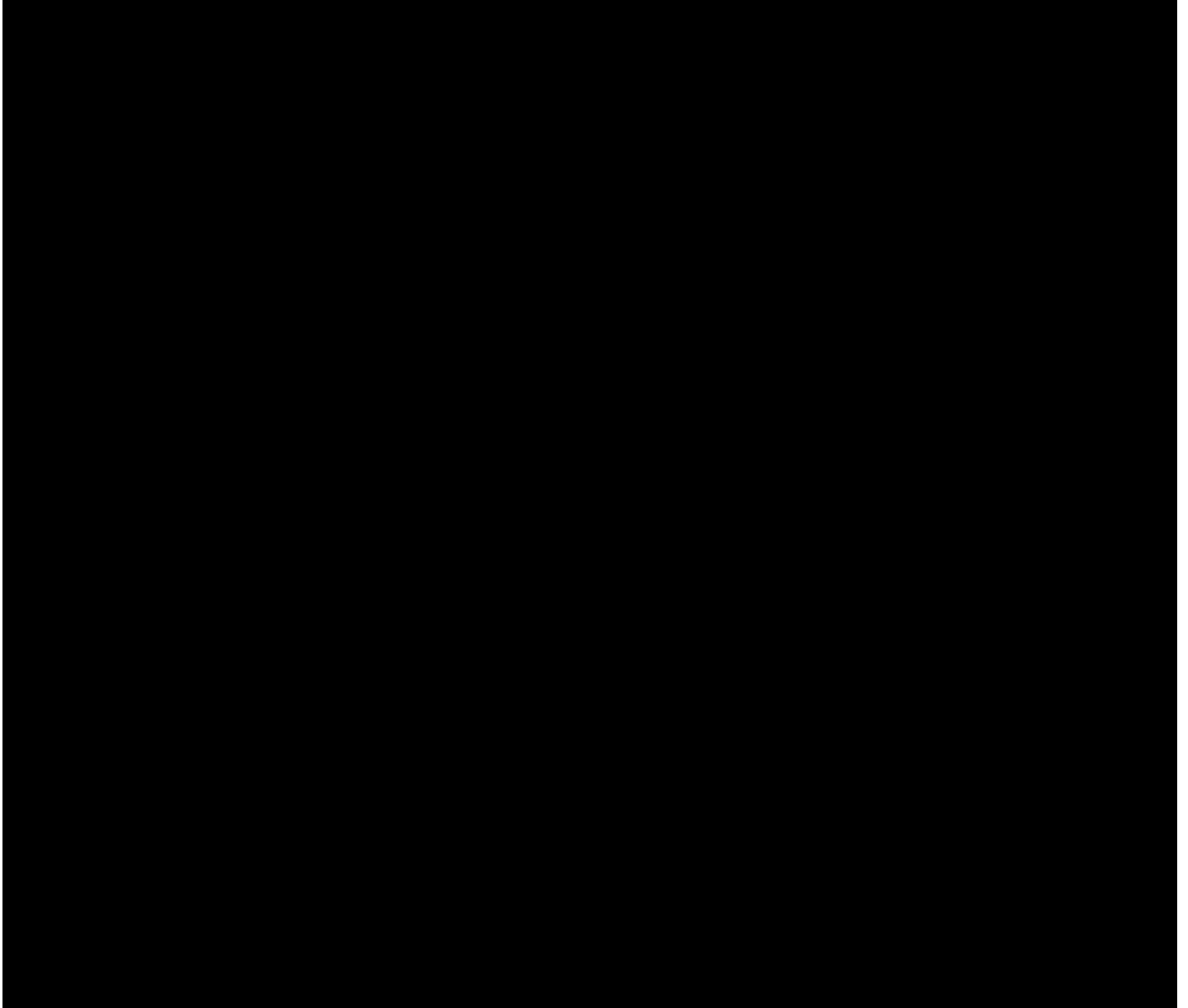




**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

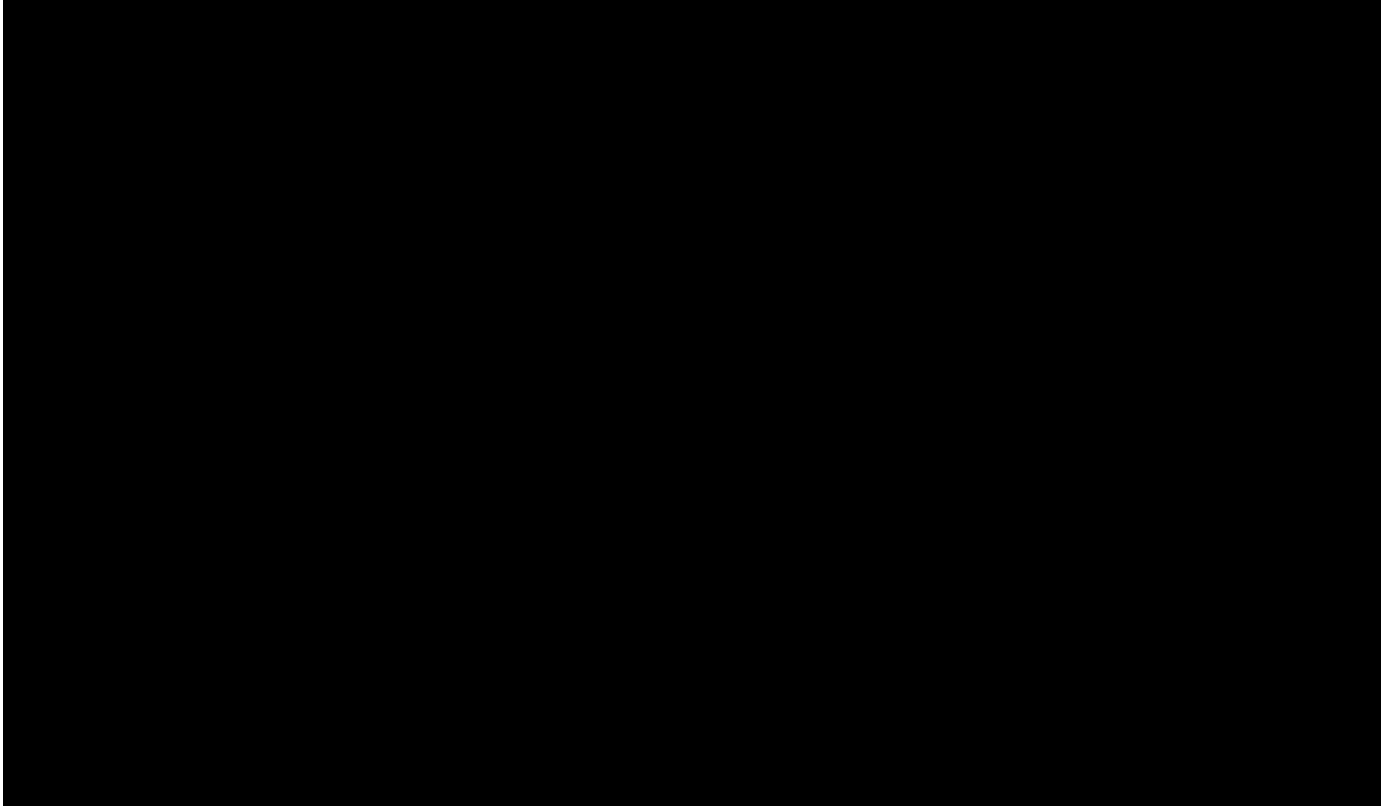
**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**





**10. Equipment - \$59,470,992**

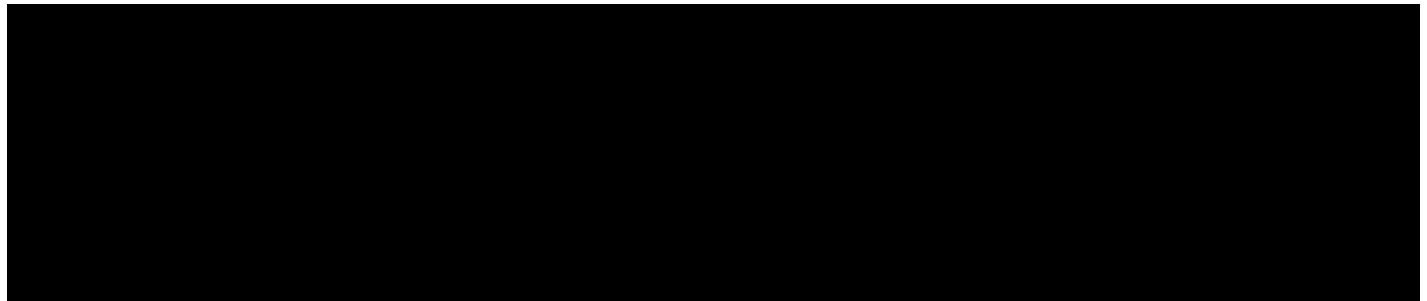
**- Provide a list of equipment in the form of a table with description, number of units, unit cost, state whether it is being purchased or leased, and additional information as needed.**



**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

N/A

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

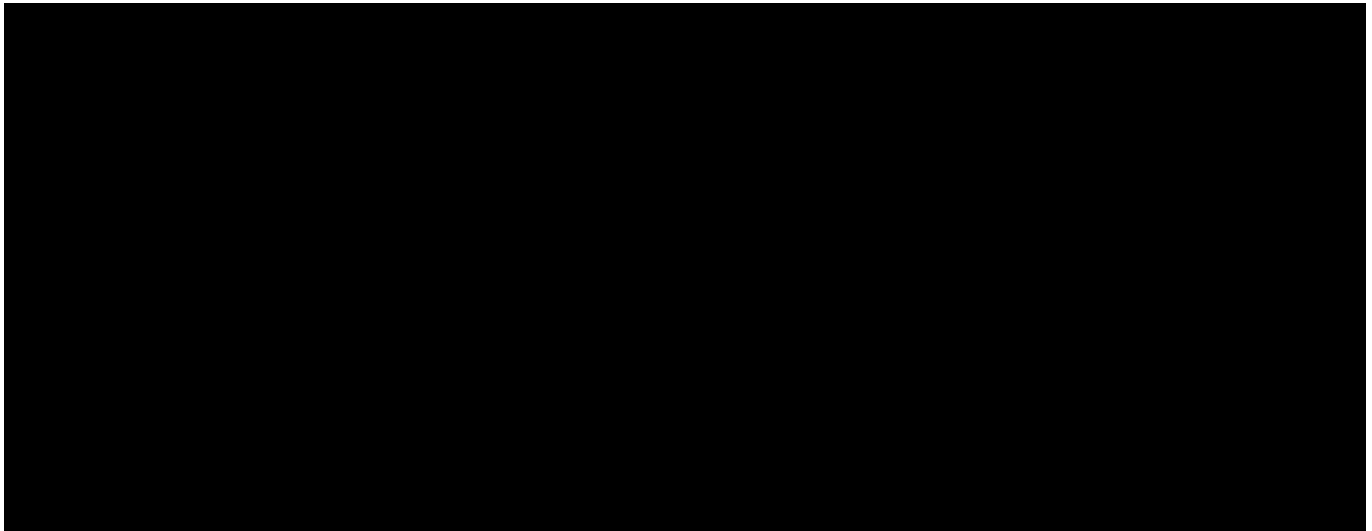






**11. Miscellaneous - \$43,000,000**

**- Provide additional information as needed.**



**- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.**

**- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.**

**13. Contingencies - \$0**

**- Contingencies are an unallowable expenditures under BTOP.**

**15. Project (program) income - \$0**

**- The value for this line-item on the SF-424C is \$0. Please do not provide an estimated Project (program income) on the SF-424C.**

## **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.

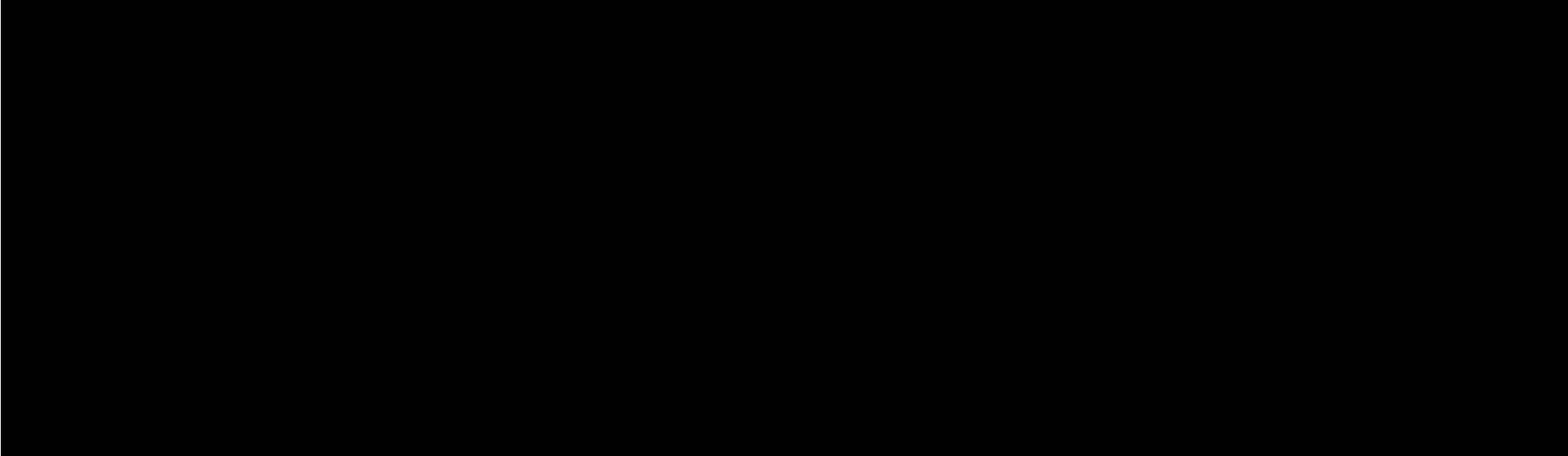
## General Budget Overview

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)	\$58,177,965	\$0	\$1,289,377	\$59,467,342	\$0.00	\$59,467,342.00	\$59,467,342
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$0	\$0	\$20,433,507	\$20,433,507	\$0.00	\$20,433,577.00	\$20,433,577
Buildings and Land – (new construction, improvements, renovations, lease)	\$75,000	\$0	\$2,156,274	\$2,231,274	\$0.00	\$2,231,274.00	\$2,231,274
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)	\$3,650	\$0	\$0	\$3,650	\$0.00	\$3,650.00	\$3,650
Billing and Operational Support Systems (IT systems, software, etc.)	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Operating Equipment (vehicles, office equipment, other)	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$63,005,900	\$0	\$6,602,526	\$69,608,426	\$0.00	\$69,608,426.00	\$69,608,426
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Site Preparation	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
Other	\$0	\$0	\$0	\$0	\$0.00	\$0.00	\$0
<b>TOTAL BROADBAND SYSTEM:</b>	<b>\$121,262,515</b>	<b>\$0</b>	<b>\$30,481,684</b>	<b>\$151,744,199</b>	<b>\$0</b>	<b>\$151,744,269</b>	<b>\$151,744,269</b>
<b>Cost Share Percentage:</b>	<b>79.91%</b>	<b>0.00%</b>	<b>20.09%</b>				

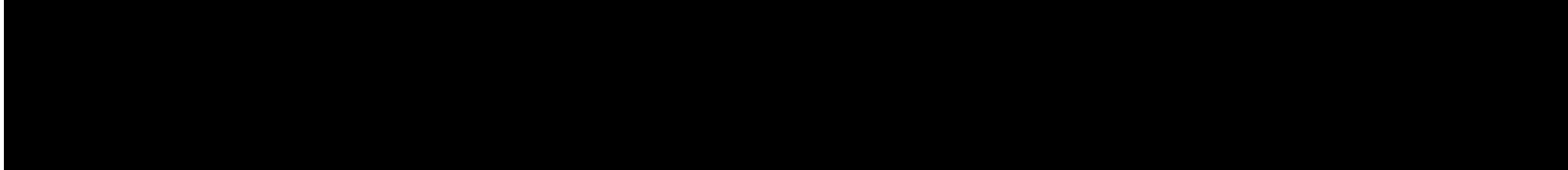
**DETAIL OF PROJECT COSTS**

PLEASE COMPLETE THE TABLE BELOW FOR THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

SERVICE AREA or COMMON NETWORK FACILITIES:	Match (Cash/In-kind)	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT				\$59,467,342	\$0	\$59,467,342	\$59,467,342		



<b>OUTSIDE PLANT</b>				\$20,433,507	\$0	\$20,433,507	\$20,433,507		
<b>Cables</b>									
				\$0			\$0		
<b>Conduits</b>				\$0			\$0		
				\$0			\$0		
				\$0			\$0		
<b>Ducts</b>									
				\$0			\$0		
				\$0			\$0		
<b>Poles</b>				\$0			\$0		
				\$0			\$0		
				\$0			\$0		





					\$0			\$0	
<b>Repeaters</b>					\$0			\$0	
					\$0			\$0	
					\$0			\$0	
<b>Other</b>					\$0			\$0	
					\$0			\$0	
					\$0			\$0	

COMMON		Match	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
<b>BUILDINGS</b>					<b>\$2,231,274</b>	<b>\$0</b>	<b>\$2,231,274</b>	<b>\$2,231,274</b>		
New Construction					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>CUSTOMER PREMISE EQUIPMENT</b>					<b>\$3,650</b>	<b>\$0</b>	<b>\$3,650</b>	<b>\$3,650</b>		
					\$0			\$0		
Set Top Boxes					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Inside Writing					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		
Billing Support					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Customer Care					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other Support					\$0			\$0		
					\$0			\$0		
					\$0			\$0		

COMMON		Match	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
<b>OPERATING EQUIPMENT</b>					\$0	\$0	\$0	\$0		
Vehicles					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Office Equipment /					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>PROFESSIONAL SERVICES</b>					\$69,608,426	\$0	\$69,608,426	\$69,608,426		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Consulting					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>TESTING</b>										
Network										
					\$0			\$0		
					\$0			\$0		
IT System					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
User Devices					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Test Generators					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Lab					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Servers/Computer					\$0			\$0		
					\$0			\$0		
					\$0			\$0		

COMMON		Match	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
<b>OTHER UPFRONT COSTS</b>					\$0	\$0	\$0	\$0		
Site					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>PROJECT TOTAL:</b>					<b>\$151,744,198</b>	<b>\$0</b>	<b>\$151,744,198</b>	<b>\$151,744,198</b>		



**BUDGET INFORMATION - Construction Programs**

OMB Approval No. 4040-0008  
Expiration Date 07/30/2010

*NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.*

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 0.00	\$ 0.00	\$ 0.00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 2,156,274.00	\$ 0.00	\$ 2,156,274.00
3. Relocation expenses and payments	\$ 0.00	\$ 0.00	\$ 0.00
4. Architectural and engineering fees	\$ 26,608,426.00	\$ 0.00	\$ 26,608,426.00
5. Other architectural and engineering fees	\$ 0.00	\$ 0.00	\$ 0.00
6. Project inspection fees	\$ 0.00	\$ 0.00	\$ 0.00
7. Site work	\$ 0.00	\$ 0.00	\$ 0.00
8. Demolition and removal	\$ 0.00	\$ 0.00	\$ 0.00
9. Construction	\$ 20,508,507.00	\$ 0.00	\$ 20,508,507.00
10. Equipment	\$ 59,470,992.00	\$ 0.00	\$ 59,470,992.00
11. Miscellaneous	\$ 43,000,000.00	\$ 0.00	\$ 43,000,000.00
12. SUBTOTAL (sum of lines 1- 11)	\$ 151,744,199.00	\$ 0.00	\$ 151,744,199.00
13. Contingencies	\$ 0.00	\$ 0.00	\$ 0.00
14. SUBTOTAL	\$ 151,744,199.00	\$ 0.00	\$ 151,744,199.00
15. Project (program) income	\$ 0.00	\$ 0.00	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 151,744,199.00	\$ 0.00	\$ 151,744,199.00
<b>FEDERAL FUNDING</b>			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter eligible costs from line 16c Multiply X <input type="text" value="79.91"/> % Enter the resulting Federal share.			\$ 121,262,515.00

## INSTRUCTIONS FOR THE SF-424C

Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0041), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

This sheet is to be used for the following types of applications: (1) "New" (means a new [previously unfunded] assistance award); (2) "Continuation" (means funding in a succeeding budget period which stemmed from a prior agreement to fund); and (3) "Revised" (means any changes in the Federal Government's financial obligations or contingent liability from an existing obligation). If there is no change in the award amount, there is no need to complete this form. Certain Federal agencies may require only an explanatory letter to effect minor (no cost) changes. If you have questions, please contact the Federal agency.

*Column a.* - If this is an application for a "New" project, enter the total estimated cost of each of the items listed on lines 1 through 16 (as applicable) under "COST CLASSIFICATION."

If this application entails a change to an existing award, enter the eligible amounts *approved under the previous award* for the items under "COST CLASSIFICATION."

*Column b.* - If this is an application for a "New" project, enter that portion of the cost of each item in Column a. which is *not* allowable for Federal assistance. Contact the Federal agency for assistance in determining the allowability of specific costs.

If this application entails a change to an existing award, enter the adjustment [+ or (-)] to the previously approved costs (from column a.) reflected in this application.

*Column.* - This is the net of lines 1 through 16 in columns "a." and "b."

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Line 1 - Enter estimated amounts needed to cover administrative expenses. Do not include costs which are related to the normal functions of government. Allowable legal costs are generally only those associated with the purchases of land which is allowable for Federal participation and certain services in support of construction of the project.

Line 2 - Enter estimated site and right(s)-of-way acquisition costs (this includes purchase, lease, and/or easements).

Line 3 - Enter estimated costs related to relocation advisory assistance, replacement housing, relocation payments to displaced persons and businesses, etc.

Line 4 - Enter estimated basic engineering fees related to construction (this includes start-up services and preparation of project performance work plan).

Line 5 - Enter estimated engineering costs, such as surveys, tests, soil borings, etc.

Line 6 - Enter estimated engineering inspection costs.

Line 7 - Enter estimated costs of site preparation and restoration which are not included in the basic construction contract.

Line 9 - Enter estimated cost of the construction contract.

Line 10 - Enter estimated cost of office, shop, laboratory, safety equipment, etc. to be used at the facility, if such costs are not included in the construction contract.

Line 11 - Enter estimated miscellaneous costs.

Line 12 - Total of items 1 through 11.

Line 13 - Enter estimated contingency costs. (Consult the Federal agency for the percentage of the estimated construction cost to use.)

Line 14 - Enter the total of lines 12 and 13.

Line 15 - Enter estimated program income to be earned during the grant period, e.g., salvaged materials, etc.

Line 16 - Subtract line 15 from line 14.

Line 17 - This block is for the computation of the Federal share. Multiply the total allowable project costs from line 16, column "c." by the Federal percentage share (this may be up to 100 percent; consult Federal agency for Federal percentage share) and enter the product on line 17.

## ASSURANCES - CONSTRUCTION PROGRAMS

OMB Approval No. 4040-0009  
Expiration Date 07/30/2010

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.


As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the

National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-1 33, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE Chief of Staff
*APPLICANT ORGANIZATION Office of the Governor	*DATE SUBMITTED 3-26-10 <sup>0.00</sup>