



Comprehensive Community Infrastructure Budget Narrative Template

Applicant Name: State of New Mexico, Department of Information Technology

EasyGrants Number: 6832

Organization Type: State Government

Proposed Period of Performance: 2 years

Total Project Costs: \$55,700,000

Total Federal Grant Request: \$38,699,997

Total Matching Funds (Cash): \$5,399,999

Total Matching Funds (In-Kind): \$11,600,004

Total Matching Funds (Cash + In-Kind): \$17,000,003

Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: %30.52

1. Administrative and legal expenses - \$0

- Provide a breakout of position(s), time commitment(s) such as hours or level-of-effort, and salary information/rates with a detailed explanation, and additional information as needed.

The State of New Mexico has an operational statewide microwave broadband network and is pursuing a program to upgrade the existing network wherever it lacks sufficient capacity. The state already employs staff who support, operate and manage the ongoing upgrade of the network. This project, when approved, will accelerate the upgrade, including the deployment of a Last Mile component, all of which can be handled by the existing staff.

2. Land, structure, rights-of-way, appraisals, etc. - \$3,390,037

- Provide description of estimated costs, proposed activities, and additional information as needed.

The State of New Mexico has an operational network which includes existing land, structures, rights-of-way, etc. Any extensions added to the Middle Mile network will be to anchor institutions already located on government owned facilities. Likewise, the Last Mile network base station sites will all be hosted on



government owned and operated facilities. The minimal land, structural, rights-of-way, appraisals, etc. expenses are summarized as follows:

\$1,700,006 of this category is estimated for Radio Tower expenses for the SONM Digital Microwave Network sites based on the average cost of (\$89,474) per site for 19 sites

\$1,690,031 of this category is estimated for Communications Shelter expenses for the SONM Digital Microwave Network sites based on the average cost of (\$88,949) per site for 19 sites

3. Relocation expenses and payment - \$0

- Provide explanation for the relocation, description of the person involved in the relocation, method used to calculate costs, and additional information as needed.

The State of New Mexico has an operational network and an ongoing effort to upgrade the network. The state already employs staff who support, operate and manage the ongoing upgrade of the network. This project, when approved, will accelerate the upgrade, including the deployment of a Last Mile component, all of which can be handled by the existing staff.

4. Architectural and engineering fees - \$8,314,083

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

\$1,402,073 of this category is estimated for engineering design expenses for the SONM Digital Microwave Network link designs based on the average cost of (\$31,157) per link for 45 links

\$5,858,010 of this category is estimated for Project Management expenses for the SONM Digital Microwave Network links based on the average cost of (\$130,178) per link for 45 links

\$200,000 of this category is estimated for a Network Engineer for the 700 MHz LTE local loop network.

\$385,000 of this category is estimated for architectural & engineering design expenses for the 700 MHz LTE local loop network site designs based on the average cost of (\$27,500) per site for 14 sites

\$250,000 of this category is estimated for a Program Manager for the 700 MHz LTE local loop Network.

\$140,000 of this category is estimated for a Project Coordinator for the 700 MHz LTE local loop Network.

\$79,000 of this category is estimated for Travel & Lodging expenses for the 700 MHz LTE local loop Network.

5. Other architectural and engineering fees - \$0

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



There are no other architectural and engineering fees.

6. Project inspection fees - \$0

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

There are no project inspection fees.

7. Site work - \$1,860,283

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

\$1,005,088 of this category is estimated for DMW Site Prep expenses for the SONM Digital Microwave Network sites based on the average cost of (\$31,409) per site for 32 sites using Cash Match funds

\$345,695 of this category is estimated for Digital Microwave antenna Installation expenses for the SONM Digital Microwave Network sites based on the average cost of (\$10,803) per site for 32 sites using Cash Match funds

\$331,000 of this category is estimated for Site Facility Preparation expenses for the 700 MHz LTE local loop network site designs based on the average cost of (\$23,643) per site for 14 sites

\$178,500 of this category is estimated for Microwave Antennas Installation expenses for the 700 MHz LTE local loop network site designs based on the average cost of (\$12,750) per site for 14 sites

8. Demolition and removal - \$0

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

There are no demolition and removal fees.

9. Construction - \$5,563,136

- 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.

\$2,320,736 of this category is estimated for Electrical and Grounding expenses for the SONM Digital Microwave Network sites based on the average cost of (\$72,523) per site for 32 sites with Cash Match funds using an outside contractor

\$1,728,480 of this category is estimated for foundation expenses for the SONM Digital Microwave Network sites based on the average cost of (\$54,015) per site for 32 sites with Cash Match funds using an outside contractor



\$1,513,920 of this category is estimated for Stacking Towers/Setting Bldgs expenses for the SONM Digital Microwave Network sites based on the average cost of (\$47,310) per site for 32 sites using an outside contractor

10. Equipment - \$24,912,457

- 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.

\$17,085,957 of this category is estimated for equipment expenses for the SONM Digital Microwave Network which consists of Microwave Radios, Antennas, Transmission Line, Generator Shelters including Generators, Upgrade for EOL Net. Equip., 48VDC Power Systems, Routers for DMW, Channel Bank Equipment, HVAC Systems, Fiber Equipment, Network Equipment Spares and Microwave Equipment Spares as follows:

Description	Unit Cost	No. of Units	Total Cost	Purchase/Lease
Microwave Radios, Antennas, Transmission Line	\$139,301	53	\$7,382,953	Purchase
Generator Shelters including Generators	\$80,000	47	\$3,760,000	Purchase
Upgrade for EOL Net. Equip.	\$46,000	42	\$1,932,000	Purchase
48VDC Power Systems	\$29,000	58	\$1,682,000	Purchase
Routers for DMW	\$46,000	35	\$1,610,000	Purchase
Channel Bank Equipment	\$7,000	28	\$196,000	Purchase
HVAC Systems	\$5,000	30	\$150,000	Purchase
Fiber Equipment	\$22,502	2	\$45,004	Purchase
Network Equipment Spares	\$46,000	5	\$230,000	Purchase
Microwave Equipment Spares	\$98,000	1	\$98,000	Purchase
TOTAL:			\$17,085,957	

\$7,826,500 of this category is estimated for Equipment expenses for the 700 MHz LTE local loop Network which consists of LTE Core Switching Equipment, eNobeB Base Station Equipment, Transmission Cables, Antennas, Generators, Uninterruptable Power Supply, Signal Generators, eNobeB Base Station Spare Equipment and 700 MHz Users Devices as follows:

Description	Unit Cost	No. of Units	Total Cost	Purchase/Lease
LTE Core Switching Equipment	\$4,183,500	1	\$4,183,500	Purchase
eNobeB Base Station Equipment	\$83,000	14	\$1,162,000	Purchase
Transmission cables	\$20,000	14	\$280,000	Purchase
Antennas	\$7,000	14	\$98,000	Purchase
Generators	\$40,000	14	\$560,000	Purchase
Uninterruptable Power Supply	\$15,000	14	\$210,000	Purchase
Signal Generators	\$30,000	2	\$60,000	Purchase
eNobeB Base Station Spare Equipment	\$73,000	1	\$73,000	Purchase
700mhz users devices	\$800	1500	\$1,200,000	Purchase
TOTAL:			\$7,826,500	

11. Miscellaneous - \$11,660,004

- Provide additional information as needed.

\$60,000 of this category is estimated for Vehicle expenses for the 700 MHz LTE local loop network based on the average cost of (\$30,000) per vehicle for 2 vehicle



\$11,600,004 of this category is estimated for Completed Analog to Digital Microwave Conversion for the SONM Digital Microwave Network sites based on the average cost of (\$168,116) per site for 69 sites

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

Cash: During the 2010 legislative session, \$4.8M was reappropriated to the SONM/DoIT for match to federal dollars that may be obtained to continue the buildout of the State's telecommunications infrastructure, specifically: "...to continue telecommunications infrastructure in the SE quadrant of New Mexico shall not be expended for its original purpose but is reappropriated to expand telecommunication capabilities throughout the state, including the southeast quadrant, and to provide a match for federal broadband technology grants."

The second part of the state's cash match is \$1M is derived from the Laws of 2009, Chapter 125 & 127, Item 6 wherein \$1M was appropriated to plan, design, construct and convert analog microwave towers to a statewide digital microwave network. The amount designated as a cash match is the remainder of the original \$1M. Of these appropriations, the State's total cash match is \$5.4M.

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

From State FY 1999 through State FY 2009, the legislature made appropriations for the conversion of towers from analog to digital in the amount of just over \$27M. In that time, approximately 2/3 of the towers were completed. The net book value of the capital expenditures (assets) will be used as in-kind match. The amount to be used as in-kind match is \$11.6M.

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.



Addendum

- Very few indirect costs are allowable through BTOP. If any allowable indirect costs and/or fringe benefits are included in the budget, please provide a copy of your existing Negotiated Indirect Cost Recovery Agreement (NICRA), if available. If the NICRA is applied accordingly in the budget, there is no need to justify the costs. If a NICRA is not available or is not consistent with the rates/calculations in the budget, please provide an explanation of how the amounts were calculated. Please clearly list the manner in which indirect costs are calculated in the budget.

Note: Verify that indirects are calculated correctly and are eligible BTOP costs. To clarify, reasonable indirect costs under BTOP are only allowable for Full Time Employees (FTEs) associated with the construction, deployment, or installation of facilities or equipment used to provide broadband service.

#. Example Budget Narrative - \$724,134 (Confirm to SF-424C)

\$100,000 of this category is estimated for legal expenses for contract reviews based on the average legal cost of (\$4) per mile for 25,000 miles.

\$134 of this category is estimated for legal court filings.

\$624,000 of this category is estimated for Project Engineering Staff which consists of a project manager and two (2) network engineers.



BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM (BTOP)

Staff	Hours	Years	Rate	Total Cost
Project Manager	2080	3	\$20/hr	\$124,800
Project Engineer	2080	3	\$30/hr	\$187,200
Civil Engineer	2080	3	\$50/hr	\$312,000
TOTAL:				\$624,000

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)	\$18,112,457			\$18,112,457	\$6,618,500.00	\$11,493,957.00	\$18,112,457
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$2,078,006			\$2,078,006	\$378,000.00	\$1,700,006.00	\$2,078,006
Buildings and Land – (new construction, improvements, renovations, lease)	\$9,565,951	\$4,049,216	\$11,600,004	\$25,215,171	\$770,000.00	\$24,445,171.00	\$25,215,171
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)	\$60,000			\$60,000	\$60,000.00		\$60,000
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$8,314,083			\$8,314,083	\$1,054,000.00	\$7,260,083.00	\$8,314,083
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)	\$60,000			\$60,000	\$60,000.00		\$60,000
Site Preparation	\$509,500	\$1,350,783		\$1,860,283	\$509,500.00	\$1,350,783.00	\$1,860,283
Other				\$0			\$0
TOTAL BROADBAND SYSTEM:	\$38,699,997	\$5,399,999	\$11,600,004	\$55,700,000	\$9,450,000	\$46,250,000	\$55,700,000
Cost Share Percentage:	69.48%	9.69%	20.83%				

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PLEASE COMPLETE THE TABLE BELOW FOR COMPLETING THE PROJECT. EACH CATEGOR

SERVICE AREA or COMMON NETWORK FACILITES:		Match (Cash/In-kind)	Unit Cost	No. of Units
NETWORK & ACCESS EQUIPMENT				
Switching	Channel Bank Equipment		\$7,000	28
	LTE Core Switching Equipment		\$4,183,500	1
Routing	Routers for DMW		\$46,000	35
	Upgrade for EOL Net. Equip.		\$46,000	42
	Network Equipment Spares		\$46,000	5
	eNobeB Base Station Equipment		\$83,000	14
	eNobeB Base Station Spare Equipment		\$73,000	1
Transport	Microwave Radios, Antennas, Transmission Line		\$139,301	53
	Microwave Equipment Spares		\$98,000	1
Access	700mhz users devices		\$800	1500
Other	Fiber Equipment		\$22,502	2
OUTSIDE PLANT				
Cables	Transmission cables		\$20,000	14
Conduits				
Ducts				
Poles				
Towers	Radio Towers		\$89,474	19
Repeaters				

Other	Antennas		\$7,000	14
SERVICE AREA or COMMON NETWORK FACILITES:		Match (Cash/In-kind)	Unit Cost	No. of Units
BUILDINGS				
New Construction	Foundations	Cash Match	\$54,015	32
	Stacking Towers/Setting Bldgs.		\$47,310	32
	Electrical and Grounding	Cash Match	\$72,523	32
Pre-Fab Huts	Communications Shelters		\$88,949	19
	Generator Shelters including Generators		\$80,000	47
Improvements & Renovation	Analog to Digital MicroWave Conversion completed	In-kind Match	\$168,116	69
Other	48VDC Power Systems		\$29,000	58
	HVAC Systems		\$5,000	30
	Generators		\$40,000	14
	Uninterruptable Power Supply		\$15,000	14
CUSTOMER PREMISE EQUIPMENT				
Modems				
Set Top Boxes				
Inside Writing				
Other				
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS				
Billing Support Svstems				

Customer Care Systems				
Other Support				
SERVICE AREA or COMMON NETWORK FACILITIES:		Match (Cash/In-kind)	Unit Cost	No. of Units
OPERATING EQUIPMENT				
Vehicles			\$30,000	2
Office Equipment / Furniture				
Other				
PROFESSIONAL SERVICES				
Engineering Design	Design for DMW Network		\$31,157	45
	Network Engineer		\$200,000	1
Project Management	Project Mgt. for DMW upgrade		\$130,178	45
	Program Manager		\$250,000	1
	Project Coordinator		\$140,000	1
Consulting				
Other	Architectural & Eng. Planning		\$27,500	14
	Travel and Lodging Expenses		\$79,000	1
TESTING				
Network Elements				
IT System Elements				

User Devices				
Test Generators	Signal Generators		\$30,000	2
Lab Furnishings				
Servers/Computers				
SERVICE AREA or COMMON NETWORK FACILITIES:		Match (Cash/In-kind)	Unit Cost	No. of Units
OTHER UPFRONT COSTS				
Site Preparation	Microwave antennas installation		\$12,750	14
	Site facility preparation		\$23,643	14
	DigitalMicroWave antenna install	Cash Match	\$10,803	32
	DMW Site prep	Cash Match	\$31,409	32
Other				
PROJECT TOTAL:				

SF-424C Cross-check Totals

- 1. Admin and Legal
- 2. Land, structures
- 3. Relocation expenses
- 4. Architectural and engr.
- 5. Other archit. and engr.
- 6. Inspection fees
- 7. Site work
- 8. Demolition/removal
- 9. Construction
- 10. Equipment
- 11. Misc.

DETAIL OF PROJECT COSTS

THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR
 Y SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING
 UNIT COST

Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category
\$18,112,457	\$6,618,500	\$11,493,957	\$18,112,457	\$18,112,457
\$196,000		\$196,000	\$196,000	10. Equipment
\$4,183,500	\$4,183,500		\$4,183,500	10. Equipment
\$0			\$0	
\$1,610,000		\$1,610,000	\$1,610,000	10. Equipment
\$1,932,000		\$1,932,000	\$1,932,000	10. Equipment
\$230,000		\$230,000	\$230,000	10. Equipment
\$1,162,000	\$1,162,000		\$1,162,000	10. Equipment
\$73,000	\$73,000		\$73,000	10. Equipment
\$7,382,953		\$7,382,953	\$7,382,953	10. Equipment
\$98,000		\$98,000	\$98,000	10. Equipment
\$0			\$0	
\$1,200,000	\$1,200,000		\$1,200,000	10. Equipment
\$0			\$0	
\$0			\$0	
\$45,004		\$45,004	\$45,004	10. Equipment
\$0			\$0	
\$0			\$0	
\$2,078,006	\$378,000	\$1,700,006	\$2,078,006	\$2,078,006
\$280,000	\$280,000		\$280,000	10. Equipment
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$1,700,006		\$1,700,006	\$1,700,006	2. Land, structures
\$0			\$0	
\$0			\$0	
\$0			\$0	

\$0			\$0	
\$0			\$0	
\$98,000	\$98,000		\$98,000	10. Equipment
\$0			\$0	
\$0			\$0	
Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category
\$25,215,171	\$770,000	\$24,445,171	\$25,215,171	\$25,215,171
\$1,728,480		\$1,728,480	\$1,728,480	9. Construction
\$1,513,920		\$1,513,920	\$1,513,920	9. Construction
\$2,320,736		\$2,320,736	\$2,320,736	9. Construction
\$1,690,031		\$1,690,031	\$1,690,031	2. Land, structures
\$3,760,000		\$3,760,000	\$3,760,000	10. Equipment
\$0			\$0	
\$11,600,004		\$11,600,004	\$11,600,004	11. Misc.
\$0			\$0	
\$0			\$0	
\$1,682,000		\$1,682,000	\$1,682,000	10. Equipment
\$150,000		\$150,000	\$150,000	10. Equipment
\$560,000	\$560,000		\$560,000	10. Equipment
\$210,000	\$210,000		\$210,000	10. Equipment
\$0			\$0	
\$0	\$0	\$0	\$0	
\$0			\$0	
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\$0			\$0	
Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category
\$60,000	\$60,000	\$0	\$60,000	\$60,000
\$60,000	\$60,000		\$60,000	11. Misc.
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$8,314,083	\$1,054,000	\$7,260,083	\$8,314,083	\$8,314,083
\$1,402,073		\$1,402,073	\$1,402,073	4. Architectural and engr.
\$200,000	\$200,000		\$200,000	4. Architectural and engr.
\$0			\$0	
\$5,858,010		\$5,858,010	\$5,858,010	4. Architectural and engr.
\$250,000	\$250,000		\$250,000	4. Architectural and engr.
\$140,000	\$140,000		\$140,000	4. Architectural and engr.
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$385,000	\$385,000		\$385,000	4. Architectural and engr.
\$79,000	\$79,000		\$79,000	4. Architectural and engr.
\$0			\$0	
\$60,000	\$60,000	\$0	\$60,000	\$60,000
\$0			\$0	
\$0			\$0	
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\$0			\$0	
\$0			\$0	

\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$60,000	\$60,000		\$60,000	10. Equipment
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
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\$0			\$0	
\$0			\$0	
\$0			\$0	
Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category
\$1,860,283	\$509,500	\$1,350,783	\$1,860,283	\$1,860,283
\$178,500	\$178,500		\$178,500	7. Site work
\$331,000	\$331,000		\$331,000	7. Site work
\$345,695		\$345,695	\$345,695	7. Site work
\$1,005,088		\$1,005,088	\$1,005,088	7. Site work
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$0			\$0	
\$55,700,000	\$9,450,000	\$46,250,000	\$55,700,000	

\$0
\$3,390,037
\$0
\$8,314,083
\$0
\$0
\$1,860,283
\$0
\$5,563,136
\$24,912,457
\$11,660,004

Matching Contribution Cross-check Totals	
Federal Funding Request	\$38,699,997
Cash Match Contribution	\$5,399,999
In-kind Match Contribution	\$11,600,004

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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
2. Land, structures, rights-of-way, appraisals, etc.	\$ 3,390,037.00	\$	\$ 3,390,037.00
3. Relocation expenses and payments	\$ 0.00	\$	\$ 0.00
4. Architectural and engineering fees	\$ 8,314,083.00	\$	\$ 8,314,083.00
5. Other architectural and engineering fees	\$ 0.00	\$	\$ 0.00
6. Project inspection fees	\$ 0.00	\$	\$ 0.00
7. Site work	\$ 1,860,283.00	\$	\$ 1,860,283.00
8. Demolition and removal	\$ 0.00	\$	\$ 0.00
9. Construction	\$ 5,563,136.00	\$	\$ 5,563,136.00
10. Equipment	\$ 24,912,457.00	\$	\$ 24,912,457.00
11. Miscellaneous	\$ 11,660,004.00	\$	\$ 11,660,004.00
12. SUBTOTAL (sum of lines 1- 11)	\$ 55,700,000.00	\$ 0.00	\$ 55,700,000.00
13. Contingencies	\$	\$	\$ 0.00
14. SUBTOTAL	\$ 55,700,000.00	\$ 0.00	\$ 55,700,000.00
15. Project (program) income	\$	\$	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 55,700,000.00	\$ 0.00	\$ 55,700,000.00
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.		Enter eligible costs from line 16c Multiply X <input type="text" value="69"/> %	\$ <input type="text" value="38,699,997.00"/>

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."

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.

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.

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 0.00 CFO
*APPLICANT ORGANIZATION	*DATE SUBMITTED 6/23/10 0.00