

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

**Applicant Name:** State of Oklahoma

**EasyGrants Number:** 4544

**Organization Type:** State Government

**Proposed Period of Performance:** 3 years

**Total Project Costs:** \$92,907,816

**Total Federal Grant Request:** \$73,998,268

**Total Matching Funds (Cash):** \$5,537,048

**Total Matching Funds (In-Kind):** \$13,372,500

**Total Matching Funds (Cash + In-Kind):** \$18,909,548

**Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs:** 20.4%

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1. Administrative and Legal Expense - \$0.00

2. Right of Way and Structure – \$5,872,500

- Right of Way – In Kind - \$4,522,500

- The state requires private fiber optic companies placing fiber optic cable on state-owned Right of Way to give the state 9 (8 plus a spare) dedicated strands of dark fiber. The established rate charged to state agencies utilizing dedicated dark fiber on the state-owned backbone is \$500.00 per strand per mile for mileages greater than 10 miles. The value of the Right of Way the state is donating for this project as In-Kind is \$4,522,500. This is based on the equivalent value of 9 strands of dark fiber the state would require a private company to give the state if placing fiber optic cable on 1,005 miles of state-owned right of way.

BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM (BTOP)

- **Communication Huts – Grant Amount - \$1,350,000**  
The co-location communication hut cost is based on information provided by vendors and supported by recent experience of Oklahoma Department of Transportation and Oklahoma Office of State Finance in acquiring similar structure. The detail items follow:

15 huts at \$38,000 .....	\$ 570,000
15 foundation and dirtwork at \$17,000 .....	255,000
15 service poles at \$4,000 .....	60,000
15 propane gas generators at \$11,000 .....	165,000
15 mobilizations at \$10,000 .....	150,000
15 fiber terminations, racks and patch panels at \$10,000.....	<u>150,000</u>
Total Communication Hut Costs.....	\$1,350,000

Bids will be solicited from multiple vendors.

**3. Relocation Expenses - \$0.00**

**4. Architectural and Engineering Fees - \$1,777,170**

Cash Match - \$1,493,438

- Preliminary Design - \$331,770. Estimated to require 4,604 hours of 35 outside consultants at an estimated \$72.06 per hour.
- Project Plan Development - \$1,161,668. Estimated to require 14,235 hours of 35 outside consultants at an estimated \$81.61 per hour.
- Grant amount - \$283,732. Estimated to require 3,467 hours of 30 outside consultants at an estimated \$81.84 per hour.
- Bids will be solicited from multiple architectural and engineering firms.

**5. Other Architectural and Engineering Fees – Grant Amount - \$600,000**

- This cost is for 150 railroad crossing permits. The ODOT average cost of a permit is \$4,000.
- Bids will be solicited from multiple architectural and engineering firms.

**6. Site Work - \$0.00**

**7. Demolition/Removal - \$0.00**

**8. Inspection – Cash Match - \$3,834,807**

- Resident Engineer - \$155,676 – Estimated to require 1,456 hours of 21 outside consultants at an estimated \$106.92 per hour.
- Consultant Engineer - \$711,659 – Estimated to require 6,656 hours of 16 outside consultants at an estimated \$106.92 per hour.
- Consultant Inspectors - \$2,609,418 – Estimated to require 33,280 hours of 18 outside consultants at an estimated \$78.41 per hour.
- Consultant Administration - \$358,054 – Estimated to require 6,552 hours of 7 outside consultants at an estimated \$54.65 per hour.
- Bids will be solicited from multiple architectural and engineering firms.

9. Construction – Grant Amount - \$52,600,000

- The construction will be done by an outside contractor. The contractor will build the fiber route including buying the conduit and pulling the fiber. The contractor will be required to bid a turn-key job, including fiber and conduit, and a bid for only construction with materials being provided as a result of a separate bid. The fiber and conduit are listed under the equipment category.
- The construction cost not including fiber and conduit is estimated to be \$50,000 per mile. The plan fiber build is 1,052 miles, including 47 miles to connect the 32 anchors.

10. Equipment – In-Kind Match - \$8,850,000 – Grant Amount - \$19,146,536

- The In-Kind is \$5,000,000 for routers and switches OneNet is planning to upgrade existing locations. This cost estimate is based on information provided by competitive vendor proposals currently under evaluation. OneNet has just under \$8 million budgeted for upgrades to existing routers and switches and estimates \$5 million is the proportion that would be utilized to ensure the success of OCAN. Additionally, \$3,850,000 is for OneNet existing fiber that will be used as redundant route for the proposed build. This valuation is based on recent 20 year IRUs negotiated and established to close loops in key positions of critical core and peering locations.
- The fiber and conduit costs are based on information provided by the state vendor under contract to the State.

The fiber costs follows:

96 strands of fiber is \$1.00 per foot = \$5,280 per mile  
 48 strands of fiber is \$0.65 per foot = \$3,432 per mile  
 24 strands of fiber is \$0.45 per foot = \$2,376 per mile

322 miles of 96 strands of fiber .....	\$ 1,700,160
683 miles of 48 strands of fiber .....	2,344,056
47 miles of 24 strands of fiber .....	<u>111,672</u>
	\$ 4,155,888

The conduit cost is \$1.05 per foot = \$5,544 per mile

1,005 miles .....	\$ 5,571,720
47 miles .....	<u>260,568</u>
	\$ 5,832,288

Total fiber and conduit cost..... \$ 9,988,176

Because this is a significant quantity of fiber and conduit, bids will be solicited from multiple vendors.

The equipment prices were based on information provided by vendors. If a grant is received, solicitation for quote will be requested from multiple vendors. Based on the planned fiber build and connecting 32 anchor institutions, the following equipment is needed:



BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM (BTOP)

Grant - \$18,000

- The plan is to have a staff consisting of the following personnel: manager, customer care, billing and accounting, technical and administrative staff. The desks and five computers are for the personnel listed above. The technical person will be in the field most of the time or at OneNet; therefore, a desk was not requested.

The computer cost is based on the state's contract for computers. The desk costs are based on quotes for furniture received from vendor.

12. Total - \$92,907,816

13. Contingency - \$0.00

BROADBAND TECHNOLOGY OPPORTUNITIES PROGRAM (BTOP)

Exhibit A

**PRE-APPLICATION EXPENSES**

Individual or Firm	Description	Bases for Charge		Amount
		Hours	Rate/Hour	
Teena Belcik	Grant Consultant		Contract Amount	\$33,500.00
<b><u>Technical State Team</u></b>				
Kurt Snodgrass	Vice Chancellor, IT & Telecom	150	\$69.71	\$10,456.73
James Deaton	Chief Technology Officer	125	\$54.76	\$6,844.95
Mike Sharp - Conservation	Geographic Info Coord / Dir of IT	40	\$31.93	\$1,277.10
May Yuan - OU	Geoinformatics Program Director	90	\$77.06	\$6,935.02
<b><u>Mapping Team</u></b>				
Tim Gatz	ODOT Lead	110	\$54.81	\$6,028.85
Jay Adams	Project/Tribal Coord.	160	\$39.63	\$6,341.54
Alan Stevenson	ITS Engineering	210	\$34.47	\$7,237.73
Duane Cranford	ITS Mapping	110	\$23.49	\$2,584.15
Siv Sundaram	Asst. Division Engineer	65	\$39.00	\$2,535.00
Jeff Pearl	Hazardous Waste	60	\$35.00	\$2,100.00
Jeri Anderson	Water Specialist	55	\$35.00	\$1,925.00
Julie Hoagland	Archeologist	48	\$35.00	\$1,680.00
<b><u>Budgeting State Team</u></b>				
Joseph Fleckinger	Deputy Director of IT / Dir of ISD	207	\$48.80	\$10,101.20
Richard Clark	Operations & Application Mgr	230	\$45.29	\$10,416.35
<b><u>Legal Team</u></b>				
Nancy Connally	Legal Counsel	60	\$47.45	\$2,847.12
<b><u>Writing Team</u></b>				
Susan Savage	Secretary of State	145	\$45.43	\$6,587.74
Sonja Wall	ARRA Assistant to Secretary of State	435	\$21.62	\$9,404.71
<b><u>Other</u></b>				
Travel				
Out of Pocket				
Rentals of Conference				
<b>Total Pre-Application Expenses</b>				<b>\$128,803.18</b>

## **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)	\$8,604		\$5,000	\$13,604		\$13,603.60	\$13,604
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$62,588		\$8,373	\$70,961		\$70,961.20	\$70,961
Buildings and Land – (new construction, improvements, renovations, lease)	\$1,750			\$1,750		\$1,750.00	\$1,750
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)	\$155			\$155		\$154.80	\$155
Billing and Operational Support Systems (IT systems, software, etc.)	\$18	\$80		\$98		\$98.00	\$98
Operating Equipment (vehicles, office equipment, other)				\$0		\$0.00	\$0
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$884	\$5,328		\$6,212		\$6,211.70	\$6,212
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)				\$0		\$0.00	\$0
Site Preparation				\$0		\$0.00	\$0
Other		\$129		\$129		\$128.80	\$129
<b>TOTAL BROADBAND SYSTEM:</b>	<b>\$73,998</b>	<b>\$5,537</b>	<b>\$13,373</b>	<b>\$92,908</b>	<b>\$0</b>	<b>\$92,908</b>	<b>\$92,908</b>
<b>Cost Share Percentage:</b>	<b>79.65%</b>	<b>5.96%</b>	<b>14.39%</b>				





**DETAIL OF PROJECT COSTS**

**Oklahoma Community Anchor Network (OCAN)**

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
<b>NETWORK &amp; ACCESS EQUIPMENT</b>					<b>\$13,603,600</b>	<b>\$0</b>	<b>\$13,603,600</b>	<b>\$13,603,600</b>		
<b>Switching</b>					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
<b>Routing</b>	Router Card		\$20,100.00	42	\$844,200		\$844,200.00	\$844,200	10. Equipment	Based on information provided by vendors
	Router Optics		\$2,700.00	80	\$216,000		\$216,000.00	\$216,000	10. Equipment	Based on information provided by vendors
	Routers & Switches	In-kind Match	\$5,000,000.00	1	\$5,000,000		\$5,000,000.00	\$5,000,000	10. Equipment	Based on information provided by vendors
<b>Transport</b>	DWDM Node		\$215,000.00	35	\$7,525,000		\$7,525,000.00	\$7,525,000	10. Equipment	Based on information provided by vendors
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Access</b>					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Other</b>	Equipment Racks		\$320.00	47	\$15,040		\$15,040.00	\$15,040	10. Equipment	Based on information provided by vendors
	Misc Fiber Jumpers		\$42.00	80	\$3,360		\$3,360.00	\$3,360	10. Equipment	Based on information provided by vendors
					\$0		\$0.00	\$0		
<b>OUTSIDE PLANT</b>					<b>\$70,960,676</b>	<b>\$0</b>	<b>\$70,960,676</b>	<b>\$70,960,676</b>		
<b>Cables</b>	96-SMF FOC		\$5,280.00	322	\$1,700,160		\$1,700,160.00	\$1,700,160	10. Equipment	Based on information provided by vendors
	48-SMF FOC		\$3,432.00	683	\$2,344,056		\$2,344,056.00	\$2,344,056	10. Equipment	Based on information provided by vendors
	24 SMF FOC		\$2,376.00	47	\$111,672		\$111,672.00	\$111,672	10. Equipment	Based on information provided by vendors
<b>Conduits</b>					\$0		\$0.00	\$0		
	2" HDPE Conduit		\$5,544.00	1005	\$5,571,720		\$5,571,720.00	\$5,571,720	10. Equipment	Based on information provided by vendors
	2" HDPE Conduit		\$5,544.00	47	\$260,568		\$260,568.00	\$260,568	10. Equipment	Based on information provided by vendors
<b>Ducts</b>					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Poles</b>					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Towers</b>					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Repeaters</b>					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Other</b>	Construction Cost, Middle mile		\$50,000.00	1005	\$50,250,000		\$50,250,000.00	\$50,250,000	9. Construction	Based on information provided by vendors and ODOT & OSF recent experience
	Construction Cost, Last Mile		\$50,000.00	47	\$2,350,000		\$2,350,000.00	\$2,350,000	9. Construction	Based on information provided by vendors and ODOT & OSF recent experience
	ODOT Right of Way	In-kind Match	\$4,500.00	1005	\$4,522,500		\$4,522,500.00	\$4,522,500	2. Land, structures	limited and non-controlled access highways.
	OneNet Existing Fiber	In-kind Match	\$3,850,000.00	1	\$3,850,000		\$3,850,000.00	\$3,850,000	10. Equipment	Based on recent OneNet IRUs

COMMON		Match	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
<b>BUILDINGS</b>					<b>\$1,750,000</b>	<b>\$0</b>	<b>\$1,750,000</b>	<b>\$1,750,000</b>		
<b>New Construction</b>					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Pre-Fab Huts</b>	Co-Locate Comm Huts		\$90,000.00	15	\$1,350,000		\$1,350,000.00	\$1,350,000	2. Land, structures	Based on information provided by vendors and ODOT & OSF recent experience
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>Improvements &amp;</b>	Electrical System Upgrades		\$3,000.00	20	\$60,000		\$60,000.00	\$60,000	10. Equipment	Based on information provided by vendors
	DC Power Systems		\$17,000.00	20	\$340,000		\$340,000.00	\$340,000	10. Equipment	Based on information provided by vendors
					\$0		\$0.00	\$0		
<b>Other</b>					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
					\$0		\$0.00	\$0		
<b>CUSTOMER PREMISE EQUIPMENT</b>					<b>\$154,760</b>	<b>\$0</b>	<b>\$154,760</b>	<b>\$154,760</b>		
<b>Modems</b>	Anchor Switches		\$3,500.00	15	\$52,500		\$52,500	\$52,500	10. Equipment	Based on information provided by vendors
	Anchor Optics		\$700.00	30	\$21,000		\$21,000	\$21,000	10. Equipment	Based on information provided by vendors
					\$0		\$0	\$0		
<b>Set Top Boxes</b>					\$0		\$0	\$0		
					\$0		\$0	\$0		
					\$0		\$0	\$0		
<b>Inside Wiring</b>	Inside Wiring Anchor Facilities		\$2,500.00	32	\$80,000		\$80,000	\$80,000	10. Equipment	Based on information provided by vendors
					\$0		\$0	\$0		
					\$0		\$0	\$0		
<b>Other</b>	Misc Fiber Jumpers		\$42.00	30	\$1,260		\$1,260	\$1,260	10. Equipment	Based on information provided by vendors
					\$0		\$0	\$0		
					\$0		\$0	\$0		
<b>BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS</b>					<b>\$98,000</b>	<b>\$0</b>	<b>\$98,000</b>	<b>\$98,000</b>		
<b>Billing Support</b>					\$0		\$0	\$0		
					\$0		\$0	\$0		
					\$0		\$0	\$0		
<b>Customer Care</b>					\$0		\$0	\$0		
					\$0		\$0	\$0		
					\$0		\$0	\$0		
<b>Other Support</b>	Computers		\$1,200.00	5	\$6,000		\$6,000	\$6,000	11. Misc.	Based on State Std. PC contract Price
	Furniture		\$3,000.00	4	\$12,000		\$12,000	\$12,000	11. Misc.	Based on State Std furniture contract Price
	Accounting System Set Up - OSF	Cash Match	\$80,000.00	1	\$80,000		\$80,000	\$80,000	11. Misc.	Based on OSF cost to configure system

COMMON		Match	Unit Cost	No. of	Total Cost	Last Mile	Middle Mile	Allocated Total	SF-424C Budget	Support of Reasonableness
<b>OPERATING EQUIPMENT</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		
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>					<b>\$6,211,977</b>	<b>\$0</b>	<b>\$5,611,977</b>	<b>\$6,211,977</b>		
Engineering					\$0			\$0		
	Preliminary Design - ODOT	Cash Match	\$331,770.00	1	\$331,770		\$331,770.00	\$331,770	4. Architectural and engr.	Preliminary Design team of 35 personnel - 4600 hrs.
					\$0			\$0		
Project					\$0			\$0		
	Project Inspection - Consultants	Cash Match	\$3,834,807.00	1	\$3,834,807		\$3,834,807.00	\$3,834,807	6. Inspection fees	Project inspection team of 60 personnel - 47944 hrs .
					\$0			\$0		
Consulting	Project Plan Development - Consultants	Cash Match	\$1,161,668.00	1	\$1,161,668		\$1,161,668.00	\$1,161,668	4. Architectural and engr.	Project Plan Development Team of 35 personnel- 14235 hrs.
	Final Design - Consultants		\$283,732.00	1	\$283,732		\$283,732.00	\$283,732	4. Architectural and engr.	Final Design Team of 39 personnel - 3467 hrs.
					\$0			\$0		
Other					\$0			\$0		
	Railroad Permits - Fees		\$600,000.00	1	\$600,000			\$600,000	5. Other archit. and engr.	Railroad Permit fees - \$4,000 per Crossing.
					\$0			\$0		
<b>TESTING</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		
Network					\$0			\$0		
					\$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>					<b>\$128,803</b>	<b>\$0</b>	<b>\$128,803</b>	<b>\$128,803</b>		
Site					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other					\$0			\$0		
	Pre- Application Expenses	Cash Match	\$ 128,803	1	\$128,803		\$128,803	\$128,803	11. Misc.	
					\$0			\$0		
<b>PROJECT TOTAL:</b>					<b>\$92,907,816</b>	<b>\$0</b>	<b>\$92,307,816</b>	<b>\$92,907,816</b>		

SF-424C Cross-check Totals	
1. Admin and Legal	\$0
2. Land, structures	\$5,872,500
3. Relocation expenses	\$0
4. Architectural and engr.	\$1,777,170
5. Other archit. and engr.	\$600,000
6. Inspection fees	\$3,834,807
7. Site work	\$0
8. Demolition/removal	\$0
9. Construction	\$52,600,000
10. Equipment	\$27,996,536
11. Misc.	\$226,803

Matching Contribution Cross-check Totals	
Federal Funding Request	\$73,998,268
Cash Match Contribution	\$5,537,048
In-kind Match Contribution	\$13,372,500

Total Match

\$18,909,548

Approach to allocating Last Mile and Middle Mile costs:

**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	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
2. Land, structures, rights-of-way, appraisals, etc.	\$ <input type="text" value="5,872,500.00"/>	\$ <input type="text"/>	\$ <input type="text" value="5,872,500.00"/>
3. Relocation expenses and payments	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
4. Architectural and engineering fees	\$ <input type="text" value="1,777,170.00"/>	\$ <input type="text"/>	\$ <input type="text" value="1,777,170.00"/>
5. Other architectural and engineering fees	\$ <input type="text" value="600,000.00"/>	\$ <input type="text"/>	\$ <input type="text" value="600,000.00"/>
6. Project inspection fees	\$ <input type="text" value="3,834,807.00"/>	\$ <input type="text"/>	\$ <input type="text" value="3,834,807.00"/>
7. Site work	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
8. Demolition and removal	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
9. Construction	\$ <input type="text" value="52,600,000.00"/>	\$ <input type="text"/>	\$ <input type="text" value="52,600,000.00"/>
10. Equipment	\$ <input type="text" value="27,996,536.00"/>	\$ <input type="text"/>	\$ <input type="text" value="27,996,536.00"/>
11. Miscellaneous	\$ <input type="text" value="226,803.00"/>	\$ <input type="text"/>	\$ <input type="text" value="226,803.00"/>
12. SUBTOTAL (sum of lines 1- 11)	\$ <input type="text" value="92,907,816.00"/>	\$ <input type="text" value="0.00"/>	\$ <input type="text" value="92,907,816.00"/>
13. Contingencies	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
14. SUBTOTAL	\$ <input type="text" value="92,907,816.00"/>	\$ <input type="text" value="0.00"/>	\$ <input type="text" value="92,907,816.00"/>
15. Project (program) income	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text" value="0.00"/>
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ <input type="text" value="92,907,816.00"/>	\$ <input type="text" value="0.00"/>	\$ <input type="text" value="92,907,816.00"/>
<b>FEDERAL FUNDING</b>			
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="79.6"/> % \$ <input type="text" value="73,998,268.00"/>

## 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.

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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.

## 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 <i>J. M. Mohr</i>	*TITLE <i>Deputy Director of IT</i>
*APPLICANT ORGANIZATION <i>State of Oklahoma</i>	*DATE SUBMITTED <i>6/18/2010.00</i>