



State of Iowa  
Revised Planning Narrative  
November 9, 2009

The State of Iowa has worked closely with Connected Nation, through its wholly owned subsidiary Connect Iowa, to develop a proposal for broadband planning, based on the specific planning needs within Iowa. Meanwhile Connected Nation has been working closely with 9 other states to understand their specific broadband planning needs. In the course of these discussions, Connected Nation found that although each state is unique in the specific state players involved in the planning opportunity, there are three core planning needs that are consistent across states, including Iowa:

- (1) The need for better supply-side and demand-side data to inform broadband planning discussions,
- (2) The need for a user-friendly analytical framework for decision-making, empowering a state to make the best use of the mapping data for planning purposes in relation to other datasets, including consumer market data, demographic data, and existing state GIS data, and
- (3) The need for coordinated human resources to prepare and facilitate research-based and data-driven planning discussions among relevant state and local officials/leaders, capture the collective recommendations and decisions of the state through the preparation and production of a strategic plan, and assist the state in the implementation of its strategic plan.

According to the NOFA, page 33, lines 696 through 703, "In addition to inclusiveness and collaboration, proposals including planning components will be evaluated based on how well the proposed planning process will identify service availability gaps, analyze problems and opportunities related to broadband deployment, and determine priorities as well as resolve conflicting priorities. Planning proposals must present the following: (1) the BDIA-related purpose as listed in footnote 6; (2) the problem(s) to be addressed; (3) the proposed solution; (4) the anticipated outcomes of the project; and (5) the cost of such proposal in light of the previous factors."

Through the State of Iowa's proposal for broadband planning, the Iowa Utilities Board (IUB) will work collaboratively with Connect Iowa to implement a planning program to achieve a number of the BDIA-related purposes, listed below. Krista Tanner, one of the board's three commissioners and vice chair of the Iowa Broadband Deployment Governance Board, is our primary contact and partner within the agency. She and the board staff will provide guidance and oversight as the project proceeds. The IUB and Connected Nation will provide regular program updates to the Iowa Broadband Deployment Governance Board, and Connected Nation will employ the use of the BroadbandSTAT tool to help the Governance Board analyze existing broadband coverage and visualize proposed broadband infrastructure projects. The program will be led by the state of Iowa with technical assistance from Connect Iowa. The program will develop data-driven analysis on the problems and opportunities related to

broadband deployment and adoption, establish priorities through the development of an ongoing strategic plan, to be updated as priorities evolve, and ultimately serve as the basis for implementation of program priorities, as dictated by the State of Iowa. The primary analytical tool for the program will be BroadbandSTAT, a GIS analytics solution developed jointly by Connected Nation and ESRI to provide the next generation in broadband mapping and decision-making. For a detailed description of the BroadbandSTAT platform see responses to *Section c. Accessibility* as described in Iowa's initial SBDD application. Specifically, the recommended planning program will:

(1) **Address the following BDIA-related purposes as listed in footnote 6 of the NOFA<sup>1</sup>:**

- a. To develop and provide a baseline assessment of broadband deployment in the state;
- b. To identify and track the areas with low levels of broadband deployment, and, via statistical survey research, the rate at which residential and business users adopt broadband service and other related information technology services, and possible suppliers of such services;
- c. To identify via statistical survey research barriers to the adoption of broadband service and information technology services;
- d. To collaborate with broadband service providers and information technology companies to encourage deployment and use;
- e. To collect and analyze detailed market data concerning use and demand for broadband service; and
- f. To facilitate information exchange regarding use and demand for broadband services between public and private sector users.

(2) **Address the following problems:**

- a. The current lack of analysis and understanding regarding the statewide broadband landscape – in particular, which geographic areas are in greatest need of support and/or subsidy;
- b. The current lack of analysis and understanding regarding i) the barriers to broadband deployment in specific unserved and underserved areas, and ii) the specific opportunities for achieving increased broadband deployment based on the market conditions and geographic/demographic variables of each area;
- c. The current lack of analysis and understanding regarding the barriers to increased broadband adoption and computer ownership in order to develop effective programs for improving information technology use;
- d. The currently untapped potential for coordination across both public and private sectors, including state agencies and broadband providers, to achieve increased broadband deployment and improved broadband adoption and computer ownership.

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<sup>1</sup> This list accounts for six of the ten BDIA-related purposes as listed in footnote 6 of the NOFA. The four purposes not included in this list are those that fall well outside the budget of the \$500,000 (county-level local technology planning teams and computer ownership programs) and the two purposes that are already accounted for within the scope of the NOFA requirements for data collection (identification of available broadband speeds and creation of a geographic inventory map of broadband service).

**(3) Propose a solution by:**

- a. Establishing a program of ongoing market based survey research to identify Internet technology use and barriers to broadband adoption among residents and businesses.** This survey research effectively captures a state's need for demand-side data (in addition to the supply-side mapping data) to support and inform decision-making. In an effort to make most efficient use of planning dollars, Iowa is proposing to use the data verification surveys already proposed through the mapping program to enable a richer dataset for broadband planning purposes. To this end, Iowa has proposed to insert additional survey questions in the proposed surveys that will be conducted to verify mapping data. This consumer research will produce statistically significant data across demographics on broadband adoption rates, computer ownership rates, barriers to broadband and computer use, and specific online applications use. This research will inform data-driven decision-making for statewide broadband expansion by using current, state-specific market data, enabling targeted and cost-effective broadband programs focused on particular segments of the population, based on the areas of greatest need. This statistical survey data is married with the rich empirical data of the mapping program and other state-specific data to produce highly unique inputs to the BroadbandSTAT decision support system.
- b. Establishing BroadbandSTAT as Iowa's broadband decision support system (DSS) to drive an effective and efficient means for consumption and analysis of supply-side and demand-side broadband data, in tandem, for research-based decision-making on broadband policy and programs.** The ESRI/Connected Nation developed BroadbandSTAT application represents the nexus of Iowa's mapping and planning efforts. In conjuncture with the research effort underwritten by these same planning monies, the underpinning data becomes inherently unique to Iowa and offers those stakeholders a platform that grows with them as their broadband supply and adoption challenges evolve. The value of the toolset continues to produce return well beyond the initial analysis as the incorporation of subsequent survey research efforts, mapping updates and/or state-provided data layers provides the feedback loop necessary to make informed broadband planning decisions.
- c. Building a collaborative broadband planning team, made up of human resources from the State of Iowa and Connected Nation.** To assist the state, Connected Nation will provide project management and technical assistance staff to work directly with the State of Iowa. The explicit activities that result from investment in the proposed planning program would be developed in close collaboration with the state sponsor in the form of a strategic plan that advances the mission of an existing state broadband initiative or effectuates the vision of a new state program. Activities of Connected Nation human resources include:

2. Preparation and facilitation of research-based and data-driven planning discussions among relevant state and local officials/leaders, as overseen by and in coordination with the State of Iowa.
3. Capturing the collective recommendations and decisions of the State of Iowa through the preparation and production of a strategic plan, and
4. Assisting the state in the implementation of its strategic plan, as directed.

**(4) Produce the following anticipated outcomes:**

- a. Increased coordination and collaboration among Iowa's various private and public sector stakeholders to achieve increased broadband deployment and adoption.
- b. Data-driven decision-making for state policymakers and local leaders to effectuate an information-based environment, including the efficient use of supply-side and demand-side data in tandem, for effective broadband policy and program development.
- c. Collaborative creation and maintenance of the State of Iowa's strategic plan for increased broadband deployment and adoption, particularly in unserved and underserved areas and among vulnerable populations. The strategic plan will include specific program recommendations, to be continually informed by the ongoing broadband mapping and survey research, resulting in a dynamic and continually relevant statewide broadband plan.
- d. Effective implementation of the State of Iowa's evolving strategic plan for sustainable broadband deployment and adoption, in light of Iowa's specific broadband needs and regional/demographic characteristics, as identified during the planning process.

This planning proposal would meet all requirements of the SBDD NOFA, while directly targeting the evaluation criteria for the planning component of the SBDD grant. Ultimately, the Iowa broadband planning program would enable and drive targeted opportunities for demand-side programs, such as computer ownership programs and local planning teams, as well as supply-side infrastructure opportunities. The result would be a broadband planning framework for the state of Iowa that empowers data-driven, research-based analytics to maximize and coordinate broadband stimulus funding across all federal grant/loan programs.

**BUDGET INFORMATION - Non-Construction Programs**

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Mapping	11.558	\$ 1,754,732.00	\$ 424,769.00	\$	\$	\$ 2,179,501.00
2. Planning	11.558	499,528.00	138,796.00			638,324.00
3.						0.00
4.						0.00
5. Totals		\$ 2,254,260.00	\$ 563,565.00	\$ 0.00	\$ 0.00	\$ 2,817,825.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) Mapping	(2) Planning	(3)	(4)	
a. Personnel	\$ 394,261.00	\$ 241,101.00	\$	\$	\$ 635,362.00
b. Fringe Benefits	87,773.00	57,761.00			145,534.00
c. Travel	120,082.00	15,408.00			135,490.00
d. Equipment	65,609.00	26,250.00			91,859.00
e. Supplies	24,775.00	0.00			24,775.00
f. Contractual	805,089.00	106,401.00			911,490.00
g. Construction	0.00	0.00			0.00
h. Other	142,418.00	0.00			142,418.00
i. Total Direct Charges (sum of 6a-6h)	1,640,007.00	446,921.00	0.00	0.00	2,086,928.00
j. Indirect Charges	539,494.00	191,403.00			730,897.00
k. TOTALS (sum of 6i and 6j)	\$ 2,179,501.00	\$ 638,324.00	\$ 0.00	\$ 0.00	\$ 2,817,825.00
7. Program Income	\$	\$	\$	\$	\$ 0.00

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<b>SECTION C - NON-FEDERAL RESOURCES</b>				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
	\$ 13,074.00	\$ 163,563.00	\$ 248,132.00	\$ 424,769.00
8. Mapping				138,796.00
9. Planning	41,639.00	97,157.00		0.00
10.				0.00
11.				
12. TOTAL (sum of lines 8-11)	\$ 54,713.00	\$ 260,720.00	\$ 248,132.00	\$ 563,565.00

<b>SECTION D - FORECASTED CASH NEEDS</b>					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 1,209,931.00	\$ 403,310.00	\$ 403,311.00	\$ 201,655.00	\$ 201,655.00
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 1,209,931.00	\$ 403,310.00	\$ 403,311.00	\$ 201,655.00	\$ 201,655.00

<b>SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT</b>				
(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. Mapping	\$ 1,096,626.00	\$ 658,106.00	\$	\$
17. Planning	113,305.00	91,060.00	94,597.00	98,384.00
18.				
19.				
20. TOTAL (sum of lines 16-19)	\$ 1,209,931.00	\$ 749,166.00	\$ 94,597.00	\$ 98,384.00

<b>SECTION F - OTHER BUDGET INFORMATION</b>	
21. Direct Charges:	22. Indirect Charges:

23. Remarks: Section E, Line 17 Fifth year total \$102,182.

Five Year Broadband Planning and Two Year Mapping Budget, Federal funds and Match

Applicant	Share	Federal Share	Total	Notes
Personnel Salaries	114,822	520,540	635,362	
Personnel Fringe Benefits	33,880	111,654	145,534	
Travel	-	135,490	135,490	
Equipment	-	91,859	91,859	
Materials/Supplies	-	24,775	24,775	
Subcontracts	232,932	678,558	911,490	
Construction	-	-	-	
Other	127,218	15,200	142,418	
Total Direct Costs	\$ 508,852	\$ 1,578,076	\$ 2,086,928	
Total Indirect Costs	54,713	676,184	730,897	
Total Costs	<u>\$ 563,565</u>	<u>\$ 2,254,260</u>	<u>\$ 2,817,825</u>	

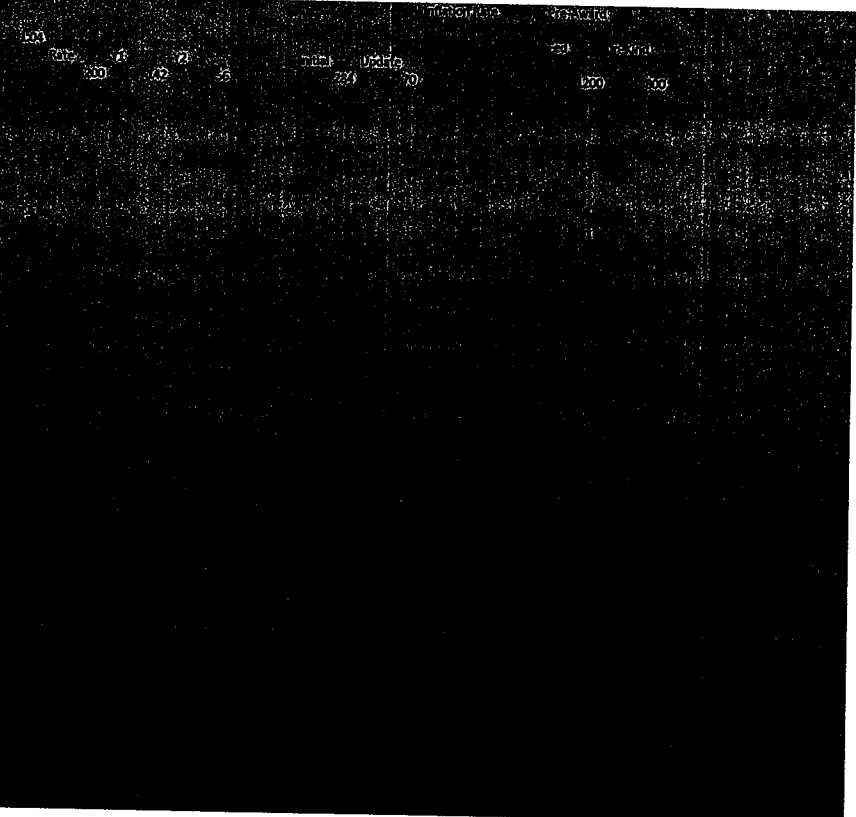
Detailed Mapping Budget

Cost	YEAR 1			YEAR 2			Total	Notes
	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total		
<b>Personnel Salaries</b>								
GIS								
Manager, GIS Services		2,750	2,750		2,860	2,860	5,610	
GIS Analyst 2		12,012	12,012		12,492	12,492	24,504	
GIS Analyst 3		23,595	23,595		24,539	24,539	48,134	
Intern		20,592	20,592		21,416	21,416	42,008	
GIS Director		5,775	5,775		6,006	6,006	11,781	
Provider Manager 2		10,560	10,560		10,982	10,982	21,542	
Stakeholder Relations		-	-		-	-	-	
Director, Policy Development		3,201	3,201		3,329	3,329	6,530	
Manager, Research & Policy Communications		1,183	1,183		1,230	1,230	2,413	
Engineering		-	-		-	-	-	
Director, Engineering & Technical Services		7,623	7,623		7,928	7,928	15,551	
Research		-	-		-	-	-	
Chief Policy Officer		2,310	2,310		2,402	2,402	4,712	
Manager, Research Development		1,925	1,925		2,002	2,002	3,927	
Research Analyst		6,160	6,160		6,406	6,406	12,566	
Research Specialist 1		4,928	4,928		5,125	5,125	10,053	
Research Specialist 4		1,897	1,897		1,973	1,973	3,870	
Research Project Coordinator		2,391	2,391		2,486	2,486	4,877	
Communications		-	-		-	-	-	
Director of Communications		1,925	1,925		2,002	2,002	3,927	
Communications Specialist 1		7,480	7,480		7,779	7,779	15,259	
Communications QA		1,238	1,238		1,287	1,287	2,525	
Project Management		-	-		-	-	-	
Executive Director, Strategic Program Office		5,500	5,500		5,720	5,720	11,220	
Project Manager 2		25,960	25,960		26,998	26,998	52,958	
Project Coordinator		24,750	24,750		25,740	25,740	50,490	
State of Iowa Staff								
Board Member	5,202		5,202	1,244		1,244	6,446	
Manager-Telecom	8,965		8,965	2,241		2,241	11,206	
Utility Specialist 1	5,817		5,817	1,407		1,407	7,224	
Utility Specialist 2	5,817		5,817	1,407		1,407	7,224	
Senior Utility Analyst	4,588		4,588	1,110		1,110	5,698	
Assistant General Council	1,591		1,591	415		415	2,006	
<b>Total</b>	<b>31,980</b>	<b>173,755</b>	<b>205,735</b>	<b>7,824</b>	<b>180,702</b>	<b>188,526</b>	<b>394,261</b>	
<b>Personnel Fringe Benefits</b>								
Employer's FICA Tax		13,292	13,292		13,824	13,824	27,116	
Unemployment Tax		869	869		904	904	1,773	
Health/Dental/Vision Insurance		9,904	9,904		10,300	10,300	20,204	
Disability & Life Insurance		1,043	1,043		1,084	1,084	2,127	
Accrued Paid Time Off		6,255	6,255		6,505	6,505	12,760	
SIMPLE Match		5,213	5,213		5,421	5,421	10,634	
Gym Benefit		174	174		181	181	355	
Professional Development		521	521		542	542	1,063	
Iowa State Personnel Benefits								
Board Member	1,359		1,359	325		325	1,684	
Manager-Telecom	2,633		2,633	658		658	3,291	
Utility Specialist 1	1,454		1,454	352		352	1,806	
Utility Specialist 2	1,962		1,962	475		475	2,437	
Senior Utility Analyst	1,416		1,416	343		343	1,759	
Assistant General Council	606		606	158		158	764	
<b>Total</b>	<b>9,430</b>	<b>37,271</b>	<b>46,701</b>	<b>2,311</b>	<b>38,761</b>	<b>41,072</b>	<b>87,773</b>	
<b>Travel</b>								



Cost	YEAR 1			YEAR 2			Total	Notes
	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total		
Personnel Salaries								
Fortitude Ventures	10,660	10,660	21,320	11,086	11,086	22,173	43,493	
Jaja Consulting	17,680	17,680	35,360	18,387	18,387	36,774	72,134	
Engineering Consultants	121,606	121,606	243,212	34,112	106,429	140,541	383,753	Engineering Consultants are yet to be engaged. We estimate an average cost of \$82/hr. with 1 hour donated for every hour worked in year 1 and 1 hour donated for every 3 hours worked in Year 2. Total estimated hours is 2966 hours in year 1 and 1664 in year 2 (4% Inflation).
Total	149,946	149,946	299,892	63,586	135,903	199,489	499,381	
Personnel Fringe Benefits								
Total	-	-	-	-	-	-	-	
Travel								
Total	-	-	-	-	-	-	-	
Equipment							0	
Total	-	-	-	-	-	-	-	
Materials/Supplies								
Total	-	-	-	-	-	-	-	
Subcontracts								
Total	-	-	-	-	-	-	-	
Construction								
Total	-	-	-	-	-	-	-	
Other								
Total	-	-	-	-	-	-	-	
Total Direct Costs	149,946	149,946	299,892	63,586	135,903	199,489	499,381	
Total Indirect Costs								
Total Costs	149,946	149,946	299,892	63,586	135,903	199,489	499,381	

Personnel Salaries	Cost	EAP			EPA			Total	Notes
		Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total		
	Eric Mills Attorney at Law, PLLC	13,800	14,200	28,000	5,600	5,600	11,200	39,200	
Total		13,800	14,200	28,000	5,600	5,600	11,200	39,200	
Personnel Fringe Benefits									
Total									
Travel									
Total									
Equipment									
Total									
Materials/Supplies									
Total									
Subcontracts									
Total									
Construction									
Total									
Other									
Total									
Total Direct Costs		13,800	14,200	28,000	5,600	5,600	11,200	39,200	
Total Indirect Costs									
Total Costs		13,800	14,200	28,000	5,600	5,600	11,200	39,200	



Cost	YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5			Total	Notes										
	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total												
<b>Personnel Salaries</b>																											
Broadband Planning Staff																											
Project Manager		23,375	23,375		24,310	24,310		2,528	2,528		2,629	2,629		2,735	2,735		55,577										
Research																											
Chief Policy Officer		990	990		1,030	1,030		3,523	3,523		3,664	3,664		3,810	3,810		13,017										
Manager, Research Development		825	825		858	858		2,936	2,936		3,053	3,053		3,175	3,175		10,847										
Research Analyst		2,640	2,640		2,746	2,746		9,394	9,394		9,770	9,770		10,161	10,161		34,711										
Research Specialist 1		2,112	2,112		2,196	2,196		7,515	7,515		7,816	7,816		8,129	8,129		27,768										
Research Specialist 4		813	813		846	846		2,893	2,893		3,009	3,009		3,130	3,130		10,691										
Research Project Coordinator		1,025	1,025		1,066	1,066		3,646	3,646		3,792	3,792		3,944	3,944		13,472										
State of Iowa Staff																											
Board Member		5,202	5,202		1,244	1,244		1,866	1,866		1,866	1,866		1,866	1,866		12,044										
Manager-Telecom		8,965	8,965		2,241	2,241		3,362	3,362		3,362	3,362		3,362	3,362		21,292										
Utility Specialist 1		5,817	5,817		1,407	1,407		2,111	2,111		2,111	2,111		2,111	2,111		13,557										
Utility Specialist 2		5,817	5,817		1,407	1,407		2,111	2,111		2,111	2,111		2,111	2,111		13,557										
Senior Utility Analyst		4,588	4,588		1,110	1,110		1,665	1,665		1,665	1,665		1,665	1,665		10,693										
Assistant General Council		1,591	1,591		415	415		623	623		623	623		623	623		3,875										
<b>Total</b>		<b>31,980</b>	<b>31,780</b>		<b>7,824</b>	<b>33,051</b>		<b>40,875</b>	<b>11,738</b>		<b>32,435</b>	<b>44,173</b>		<b>11,738</b>	<b>33,734</b>		<b>45,472</b>		<b>11,738</b>		<b>35,083</b>		<b>46,821</b>		<b>241,101</b>		
<b>Personnel Fringe Benefits</b>																											
Employer's FICA Tax		2,431	2,431		2,528	2,528		2,481	2,481		2,581	2,581		2,684	2,684		12,705										
Unemployment Tax		159	159		165	165		162	162		169	169		175	175		830										
Health/Dental/Vision Insurance		1,811	1,811		1,884	1,884		1,849	1,849		1,923	1,923		2,000	2,000		9,467										
Disability & Life Insurance		191	191		198	198		195	195		202	202		210	210		996										
Accrued Paid Time Off		1,144	1,144		1,190	1,190		1,168	1,168		1,214	1,214		1,263	1,263		5,979										
SIMPLE Match		953	953		992	992		973	973		1,012	1,012		1,052	1,052		4,982										
Gym Benefit		32	32		33	33		32	32		34	34		35	35		166										
Professional Development		95	95		99	99		97	97		101	101		105	105		497										
State of Iowa Staff																											
Board Member		1,359	1,359		325	325		488	488		488	488		488	488		3,148										
Manager-Telecom		2,633	2,633		658	658		987	987		987	987		987	987		6,252										
Utility Specialist 1		1,454	1,454		352	352		528	528		528	528		528	528		3,390										
Utility Specialist 2		1,962	1,962		475	475		712	712		712	712		712	712		4,573										
Senior Utility Analyst		1,416	1,416		343	343		514	514		514	514		514	514		3,301										
Assistant General Council		606	606		158	158		237	237		237	237		237	237		1,475										
<b>Total</b>		<b>9,430</b>	<b>6,816</b>		<b>16,246</b>	<b>2,311</b>		<b>7,089</b>	<b>9,400</b>		<b>3,466</b>	<b>6,957</b>		<b>10,423</b>	<b>3,466</b>		<b>7,236</b>		<b>10,702</b>		<b>3,466</b>		<b>7,524</b>		<b>10,990</b>		<b>57,761</b>
<b>Travel</b>																											
Airfare		2,500	2,500		1,560	1,560		1,082	1,082		1,125	1,125		1,170	1,170		7,436										
Hotel		1,000	1,000		624	624		433	433		450	450		468	468		2,975										
Rental Car		900	900		562	562		389	389		405	405		421	421		2,677										
Per Diem		450	450		281	281		195	195		202	202		211	211		1,339										
Mileage		330	330		206	206		143	143		148	148		154	154		982										
<b>Total</b>		<b>-</b>	<b>5,180</b>		<b>-</b>	<b>3,232</b>		<b>-</b>	<b>2,241</b>		<b>-</b>	<b>2,241</b>		<b>-</b>	<b>2,331</b>		<b>-</b>		<b>-</b>		<b>-</b>		<b>2,424</b>		<b>2,424</b>		<b>15,408</b>
<b>Equipment</b>																											
Broadband Stat		21,000	21,000		5,250	5,250		-	-		-	-		-	-		26,250										
<b>Total</b>		<b>-</b>	<b>21,000</b>		<b>-</b>	<b>5,250</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>26,250</b>										
<b>Materials/Supplies</b>																											
<b>Total</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>										
<b>Subcontracts</b>																											
Research Consultant		1,800	1,800		1,872	1,872		1,622	1,622		1,687	1,687		1,755	1,755		8,736	Primarily personnel costs. Subcontractor not yet selected.									
Survey Consultants		12,738	12,738		13,248	13,248		22,962	22,962		23,881	23,881		24,836	24,836		97,665	Primarily personnel costs. Subcontractor not yet selected.									
<b>Total</b>		<b>-</b>	<b>14,538</b>		<b>-</b>	<b>15,120</b>		<b>-</b>	<b>24,585</b>		<b>-</b>	<b>24,585</b>		<b>-</b>	<b>25,568</b>		<b>-</b>		<b>-</b>		<b>-</b>		<b>26,591</b>		<b>26,591</b>		<b>106,401</b>
<b>Construction</b>																											
<b>Total</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>										
<b>Other</b>																											
<b>Total</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>		<b>-</b>										
<b>Total Direct Costs</b>		<b>41,410</b>	<b>79,314</b>		<b>120,724</b>	<b>10,135</b>		<b>63,742</b>	<b>73,877</b>		<b>15,204</b>	<b>66,218</b>		<b>81,422</b>	<b>15,204</b>		<b>68,869</b>		<b>84,073</b>		<b>15,204</b>		<b>71,622</b>		<b>86,826</b>		<b>446,921</b>
<b>Total Indirect Costs</b>		<b>17,747</b>	<b>33,992</b>		<b>51,739</b>	<b>4,344</b>		<b>27,318</b>	<b>31,661</b>		<b>6,516</b>	<b>28,379</b>		<b>34,895</b>	<b>6,516</b>		<b>29,515</b>		<b>36,031</b>		<b>6,516</b>		<b>30,560</b>		<b>37,076</b>		<b>191,403</b>

Total Costs

59,157 113,305 172,463 14,479 91,060 105,538 21,720 94,597 116,317 21,720 98,384 120,104 21,720 102,182 123,902 638,324