February 17, 2011

Re: OpenCape NT10BIX5570039 AAR Request for Budget Change

OpenCape Corporation submits this AAR requesting a modification of its budget. A new SF-424C, Budget Detail, and Budget Narrative are provided to support this request.

OpenCape is currently operating under the budget it provided the NTIA in its grant application of 2009. This budget, though based on detailed research and analysis, was largely an estimate. Time, experience, and far greater certainty of costs have required a change to the budget to more accurately reflect our needs and plans. Many of these changes result from the negotiation of contracts. The line items from those contracts have been transferred directly to this new budget.

We are requesting no changes in Categories 2, 3, 4, 7, or 8 of the SF-424C. A description of the significant changes in the remaining categories is as follows:

Category 1 Admin & Legal. Increase from \$919,300 to \$1,280,532

This increase is largely the result of an increase in Consulting fees from \$575,360 to \$823,732. A far greater amount of legal work was required in the many contract negotiations related to the project. Auditing fees of \$60,000 were not anticipated. A sub-category has been added for General Administration to meet basic communications requirements related to the grant such as maintaining a PO Box, web page, phone service, and postage that were not specifically defined in the original budget. There is a slight increase in the Travel sub-category to address costs of attending two BTOP grant conferences and other regional travel to support the execution of the grant.

Category 5 Other Arch & Eng. Increase from \$286,600 to \$1,515,885.

This substantial increase reflects a lack of knowledge on our part and some misplacement of these costs in other categories in the original budget. Two major line items in this category are the payment of \$215,640 to Sidera Networks for early design work and \$380,160 for a contract for engineering services. Nearly \$600,000 in engineering of the Microwave, Transport, and Municipal RAN components were unanticipated or reflected in other categories in the original application budget.

Category 6 Project Inspection Fees. Increase from \$755,200 to \$814,114.

This minor increase is more reflective of actual costs as reflected in negotiated contracts.

Category 9 Construction. Decrease from \$30,625,132 to \$24,364,298.

There are significant changes in the sub-categories here. For example, we did not break out Environmental and Historical, Field Survey and Licensing, or Make Ready in the original budget. We have taken a different approach on line items related to the build of the fiber network in that we create milestones for segments rather than trying to estimate the cost of the equipment and labor to build those segments. There is also a \$500,000 bonding line item for outside plant (OSP) construction. The 700Mhz, Collocation Center Renovation, and Overall Project Management Categories remain as submitted in the original grant application. We have added a sub-category for Community Outreach, particularly as it focuses on Anchor Institution deployment and configuration.

Category 10 Equipment. Increase from \$6,725,161 to \$11,336,564.

This category has increased largely by realigning properly the materials for the build. The OSP, Switching, Access, and Microwave System sub-category costs result from contract negotiations for the construction of the network. Note that the OSP sub-category alone totals \$3,650,000 for the fiber optic cable and materials associated with its installation, such as hangers and splice boxes. This was in the Construction Category in the original grant budget. The Collocation Center Renovation, and Office Equipment sub-categories remain as submitted in the original grant application budget.

Sincerely,

Daniel J. Gallagher

CEO

ASSURANCES - CONSTRUCTION PROGRAMS

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:

- 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.
- 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.
- 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.
- 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.

- 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).
- 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 nondiscrimination. 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) underwhich 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.
- 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).
- 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."
- 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 CEO	
*APPLICANT ORGANIZATION	*DATE SUBMITTED	
OpenCape Corporation	02/17/2011	

APPLICANT'S NAME: OpenCape (1174)

BUDGET INFORMATION - Construction Programs

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	COST CLASSIFICATION a. Total Cost (Cash)		c. Matching Funds (In-Kind)	d. Federal Funding Request (Columns a-b-c)	
Administrative and legal expenses	\$919,300	\$580,000	\$339,300	\$0	
2 . Land, structures, rights-of-way, appraisals, etc.	\$1,000,000	\$0	\$1,000,000	\$0	
Relocation expenses and payments	\$0	\$0	\$0	\$0	
Architectural and engineering fees	\$0	\$0	\$0	\$0	
Other architectural and engineering fees	\$286,600	\$0	\$0	\$286,600	
6. Project inspection fees	\$755,200	\$0	\$0	\$755,200	
7. Site work	\$0	\$0	\$0	\$0	
8. Demolition and removal	\$100,000	\$0	\$0	\$100,000	
9. Construction	\$30,625,132	\$6,420,000	\$0	\$24,205,132	
10. Equipment	\$6,725,161	\$0	\$0	\$6,725,161	
11. Miscellaneous	\$0	\$0	\$0	\$0	
12. SUBTOTAL (add #1 through #11)	\$40,411,393	\$7,000,000	\$1,339,300	\$32,072,093	
13. Contingencies	\$0	\$0	\$0	\$0	
14. SUBTOTAL (add #12 and #13)	\$40,411,393	\$7,000,000	\$1,339,300	\$32,072,093	
15. Project (program) income	\$0	\$0	\$0	\$0	
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$40,411,393	\$7,000,000	\$1,339,300	\$32,072,093	
	FEDERAL FUNDING	9			
17. Federal assistance requested, calculated as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.	Enter eligi	ble costs from line 16a Multip	oly X 20%	\$8,082,279	



Budget Narrative

Applicant Name: OpenCape Corporation

EasyGrants Number: 1174

Organization Type (from Question 1D on BTOP application): Non-Profit

Corporation

Proposed Period of Performance: February 28, 2010-January 31, 2013

Total Project Costs: \$40,161,393

Total Federal Grant Request: \$32,072,093
Total Matching Funds (Cash): \$7,000,000
Total Matching Funds (In-Kind): \$1,089,300

Total Matching Funds (Cash + In-Kind): \$8,089,300

Total Matching Funds (Cash + In-Kind) as Percentage of Total Project

Costs: 20%

The cost estimates provided in the OpenCape Form SF-424C are based on the best possible information available from executed contracts, RFP and RFQ responses, or estimates based on research and analysis.

1. Administrative and legal expenses

It is anticipated that cash match will pay \$80,000 and in-kind match will pay \$339,300 of this category.

			Legal: Contracts	Yes	550000	1	\$ 550,000.00	
			Accounting	Yes	150000	1	\$ 150,000.00	Land accounting auditing LID according
			Auditing	Yes	60000	1	\$ 60,000.00	Legal, accounting, auditing, HR, payroll and
		Consulting	HR	Yes	8000	1	\$	other consulting services required to
			Payroll	Yes	10000	1	\$	execute the grant based on actual
			Other Consulting	Yes	45732	1	\$ 45,732.00	expenditures and anticipated expenditures.
						Sub-total	\$ 823,732.00	
			OpenCape Volunteers 7/9-8/14	Yes	90	980	\$ 88,200.00	
1	Administrative and	Grant Prep	OpenCape Volunteers 8/14-12/31	Yes	90	890	\$ 80,100.00	OpenCape Board members' actual volunteer
	legal expenses	Grant Frep	OpenCape Volunteers Post Award	Yes	90	1,900	\$ 171,000.00	hours in support of the project and grant.
	regui expenses					Sub-total	\$ 339,300.00	
			Postage, Phone, Web, Printing, etc.	Yes	35000	1	\$ 35,000.00	
		General Admin	Insurance	Yes	25000	1	\$ 25,000.00	Basic administrative requirements for
		General Admin	Materials, Outreach, Software, Other	Yes	50000	1	\$ 50,000.00	executing the grant.
						Sub-total	\$ 110,000.00	
			Conference and Meeting Expenses	Yes	5000	1	\$ 5,000.00	Attendance at NTIA required conferences
		Travel	Other Travel	Yes	2500	1	\$	and other meetings related to the grant
						Sub-total	\$ 7,500.00	within the region.
		SUB-TOTAL					\$ 1,280,532.00	

2. Land, structure, rights-of-way, appraisals, etc.

Barnstable County is making an in-kind match donation of 5 years of a 25 year capital lease for 7,500sqft of the Barnstable County Public Safety Building. A lease for the building has been executed as part of the partnership between OpenCape and Barnstable County.

2. Land, structures,	Collocation						25 year lease from Barnstable County of 7500soft of public safety building. First five
rights-of-way,		Barn. Cty. Bldg. IRU	Yes	750000	1	\$	years of payments included in match.
appraisals, etc.	SUB-TOTAL					\$ 750,000.00	

3. Relocation expenses and payment N/A

4. Architectural and engineering fees N/A

5. Other architectural and engineering fees

	Outside Plant	Engineering OSP Fiber Component	Yes	380,160	1	\$ 380,160.00	
	Microwave	Microwave Overlay	Yes	300,000	1	\$ 300,000.00	
		Transport	Yes	204,616	1	\$ 204,616.00	Design and Engineering and associated
	Network	Municipal RAN	Yes	100,000	1	\$ 100,000.00	management costs as reflected in actual
5. Other architectural					Sub-total	\$ 984,776.00	expenditures, contracts, or bids to RFPs for
and engineering fees	Integration	Central Office, Collocation Center, Other	Yes	50,000	1	\$ 50,000.00	designing and engineering the network and
3 3	Project Mgmt	Contractor Management	Yes	235,469	1	\$	collocation center.
	Conceptual	-					
	Design	Sidera Networks Engineering	Yes	215,640	1	\$ 215,640.00	
	Collocation						
	Center	Engineering of building renovation	Yes	150	200	\$ 30,000.00	
	SUB-TOTAL					\$ 1,515,885.00	

6. Project inspection fees

			Cable Testing	Yes	100,000	1	\$ 100,000.00	
		Outside Plant	Third Party Testing and Certification	Yes	50,000	1	\$ 50,000.00	
						Sub-total	\$ 150,000.00	
		Microwave	Microwave Overlay	Yes	89,114	1	\$ 89,114.00	
6.	Project inspection		Transport	Yes	200,000	1	\$	Inspection and testing of the network
	fees	Network	Municipal RAN	Yes	50,000	1	\$ 50,000.00	systems once installed.
						Sub-total	\$ 250,000.00	
		Integration	Central Office, Collocation Center, Other	Yes	50,000	1	\$ 50,000.00	
		Project Mgmt	Contractor Management	Yes	275,000	1	\$ 275,000.00	
		SUB-TOTAL					\$ 814,114.00	

7. Site work

N/A

8. Demolition and removal

	Colocation						Estimate of demolition cost of the future
8. Demolition and	Center						regional collocation center in anticipation of
removal	Demolition	Barn. Cty. Bldg. Renovation	Yes	100000	1	\$ 100,000.00	regional collocation center in anticipation of
	SUB-TOTAL					\$ 100,000.00	renovation.

9. Construction

A cash match contribution shall be made to the Construction costs in the amount of \$6,920,000. This cash match shall be provided by the Commonwealth of Massachusetts and the private operator of the OpenCape Network.

		Environmental Assessment	Yes	35000	1	\$	35,000.00	
	Environment	Cape Cod Canal Environ Assess	Yes	16000	1	\$	16,000.00	Actual and anticipated costs associat
	and Historical	State Wetland and Water Quality	Yes	22000	1	\$		with Environmental Assessment and spe
	and mistorical	Army Corps of Engineers	Yes	75000	1	\$	75,000.00	permitting of the project.
					Sub-total	\$	148,000.00	
		Field Survey Contractor	Yes	583624	1	\$	583,624.00	
		Pole Licensing Contractor	Yes	422400	1	\$	422,400.00	
		Ngrid Licensing	Yes	190000	1	\$	190,000.00	
		NSTAR Licensing	Yes	165000	1	\$		Actual and anticipated costs associated
	Field Survey	Verizon Licensing	Yes	100000	1	\$		with field survey of poles and conduit,
	and Licensing	Verizon Conduit Access	Yes	200000	1	\$		license applications, and associated fee
	und Electioning	Verizon Central Office Licenses	Yes	50000	1	\$		insurance, and surety requirements of t
		Pole Revisits	Yes	25000	1	\$		pole owners.
		App and Attach Fees, Surety & Insurance		300000	1	\$	300,000.00	
		Other (Police Details, Bonds, Fees)	Yes	120000	1	\$	120,000.00	
					Sub-total		2,156,024.00	
		Ngrid Make Ready	Yes	600000	1	\$	600,000.00	
		NSTAR Make Ready	Yes	2750000	1			Anticipated costs associated with Mak
	Make Ready	Verizon Make Ready	Yes	1800000	1			Ready of poles and conduit based on n
	make Reduy	Underground Make Ready	Yes	250000	1	\$		final pole and distance numbers and
		Other (Police Details, etc.)	Yes	100000	1	\$		estimates of per pole and per foot cost.
					Sub-total		5,500,000.00	
		Providence POP to Fall River CO (26 mi)	Yes	672,196	1	\$	672,196.00	
		Fall River CO to New Bedford CO (15 Mi)	Yes	303,147	1	\$	303,147.00	
		New Bedford CO to Canal (25 Mi)	Yes	188,071	1	\$	188,071.00	
		Cape Cod Canal to Cataumet CO (8 Mi)	Yes	279,324	1	\$	279,324.00	
		Cataumet CO to Falmouth CO (12 Mi)	Yes	233,216	1	\$	233,216.00	
		Falmouth CO to Hyannis CO (24 Mi)	Yes	187,111	1	\$		Anticipated costs associated with
	Outside Plant	Hyannis CO to Orleans CO (25 Mi)	Yes	256,271	1	\$		construction of the outside fiber plant
	Total Backbone	Orleans CO to Provincetown CO (28 Mi)	Yes	533,874	1	\$		backbone based on RFP responses an
	Fiber	Orleans CO to Barnstable Collo (23 Mi)	Yes	277,361	1	\$		contract development with successful F
		Barnstable Collo to Canal (17 Mi)	Yes	440,700	1	\$		respondent.
		Cape Cod Canal to Plymouth CO (18 Mi)	Yes	311,019	1	\$	311,019.00	
9. Construction		Plymouth CO to Brockton CO (31 Mi)	Yes	532,914	1	\$	532,914.00	
		Canal Connector (12 Mi)	Yes	187,111	1	\$	187,111.00	
		Rte 132 Connector (5 Mi)	Yes	117,950	1 Sub-total	\$	117,950.00 4,520,265.00	
		Edwards/Otis Air Force Base Ext (4 Mi)	Yes	102,851	3ub-totai 1	\$		Anticipated costs associated with
	Outside Plant	Woods Hole Extension (3 Mi)	Yes	35,815	1	\$		construction of the outside fiber plant
	Total Fiber	Chatham Extension (8 Mi)	Yes	59,822	1	\$		extensions based on RFP responses a
	Backbone	National Seashore Extension (2 Mi)	Yes	154,939	1	\$		contract development with successful R
	Extensions	(2 111)		101,000	Sub-total	\$		respondent.
	Underground	New Underground (42240 feet)	Yes	1,800,000	1			Anticipated cost based on quotation.
	Tower Laterals	Installation and Configuration	Yes	864,508	1	S	864,508.00	Anticipated cost based on quotation.
		Installation and Configuration	Yes	432,254	1	\$		Anticipated cost based on quotation.
		l l l l l l l l l l l l l l l l l l l		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ť	,	·
	Canal Crossing	North Directional Bore Crossing	Yes	250,000	1	\$	250,000.00	Anticipated cost based on quotation.
	Microwave		l	1	1	1		Anticipated cost based on quotation.
								The second secon
	System	Installation and Configuration	Yes	2,451,713	1		2,451,713.00	
		POPs	Yes	0	1	\$	2,451,713.00	
	Central Office	POPs Verizon COs	Yes Yes	0	1 1	\$ \$	2,451,713.00	Cost absorbed within OSP build
		POPs	Yes	0	1 1 1	\$ \$ \$		Cost absorbed within OSP build.
	Central Office Renovation	POPs Verizon COs Collocation Center	Yes Yes Yes	0 0 0	1 1 1 Sub-total	\$ \$ \$	- - - -	
	Central Office Renovation	POPs Verizon COs Collocation Center Contractor Management	Yes Yes Yes	0 0 0 2,219,062	1 1 1 Sub-total	\$ \$ \$ \$	- - - 2,219,062.00	Anticipated cost based on quotation.
	Central Office Renovation Project Mgmt Bond	POPs Verizon COs Collocation Center Contractor Management Construction Bonding	Yes Yes Yes Yes	0 0 0 2,219,062 500,000	1 1 1 Sub-total	\$ \$ \$ \$	2,219,062.00 500,000.00	Anticipated cost based on quotation. Anticipated cost based on quotation.
	Central Office Renovation Project Mgmt Bond 700Mhz	POPs Verizon COs Collocation Center Contractor Management	Yes Yes Yes	0 0 0 2,219,062	1 1 1 Sub-total	\$ \$ \$ \$	2,219,062.00 500,000.00	Anticipated cost based on quotation.
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation	POPs Verizon COs Collocation Center Contractor Management Construction Bonding	Yes Yes Yes Yes	0 0 0 2,219,062 500,000 46500 1280045	1 1 1 Sub-total	\$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs.
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System	Yes Yes Yes Yes Yes Yes	0 0 0 2,219,062 500,000 46500	1 1 1 1 Sub-total 1 1 13	\$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00 150,000.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System Barn. Cty. Bldg. Renovation	Yes	0 0 0 2,219,062 500,000 46500 1280045	1 1 1 Sub-total 1 1 13	\$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs.
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mbz System Barn. Cty. Bldg. Renovation Data Center Construction	Yes Yes Yes Yes Yes Yes Yes Yes Yes	0 0 0 2,219,062 500,000 46500 1280045	1 1 1 Sub-total 1 1 13 1 1 Sub-total	\$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00 1,430,045.00 553 500.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP responses.
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System Barn. Cty. Bldg. Renovation Data Center Construction Director	Yes	0 0 0 2,219,062 500,000 46500 1280045 150000	1 1 1 Sub-total 1 1 13 1 1 Sub-total 6,150	\$ \$ \$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00 1,430,045.00 553 500.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP responses.
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center Renovation	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System Barn. Cty. Bldg. Renovation Data Center Construction Director Construction Coordinator	Yes	0 0 0 2,219,062 500,000 46500 1280045 150000	1 1 1 Sub-total 1 1 13 1 1 Sub-total 6,150 6,150	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00 150,000.00 1,430,045.00 553,500.00 369,000.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP responses.
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center Renovation Overall Project	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System Barn. Cty. Bldg. Renovation Data Center Construction Director	Yes	0 0 0 2,219,062 500,000 46500 1280045 150000	1 1 1 1 Sub-total 1 1 1 1 1 1 1 Sub-total 1 1 5 Sub-total 1 1 1 1 5 Sub-total 1 1 1 5 Sub-total 1 1 5 Sub-total 1 5 Sub-total 1 5 5 6 5 6 6 6 6 7 7 8 7 8 7 8 8 7 8 7 8 8 8 8 8	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00 1,430,045.00 553,500.00 184,500.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP responses. Anticipated cost based on known per h
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center Renovation Overall Project	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System Barn. Cty. Bldg. Renovation Data Center Construction Director Construction Coordinator Administrative Support	Yes	0 0 0 2,219,062 500,000 46500 1280045 150000	1 1 1 Sub-total 1 1 13 1 1 Sub-total 6,150 6,150	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00 150,000.00 1,430,045.00 553,500.00 369,000.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP responses. Anticipated cost based on known per high cost and estimated number of hours.
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center Renovation Overall Project Management	POPs Verizon COs Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System Barn. Cty. Bldg. Renovation Data Center Construction Director Construction Coordinator	Yes	0 0 0 2,219,062 500,000 46500 1280045 150000 90 60 30	1 1 1 1 Sub-total 1 1 1 1 1 1 1 Sub-total 1 1 5 Sub-total 1 1 1 1 5 Sub-total 1 1 1 5 Sub-total 1 1 5 Sub-total 1 5 Sub-total 1 5 5 6 5 6 6 6 6 7 7 8 7 8 7 8 8 7 8 7 8 8 8 8 8	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 150,000.00 150,000.00 1,430,045.00 553,500.00 369,000.00 1,407,000.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP responses. Anticipated cost based on known per hours. Anticipated cost of community outreach
	Central Office Renovation Project Mgmt Bond 700Mhz Colocation Center Renovation Overall Project Management Anchor	POPs Verizon COS Collocation Center Contractor Management Construction Bonding Public Safety 700Mhz System Barn. Cty. Bldg. Renovation Data Center Construction Director Construction Coordinator Administrative Support Regional Area Network Muni	Yes	0 0 0 2,219,062 500,000 46500 1280045 150000 90 60 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,219,062.00 500,000.00 604,500.00 1,280,045.00 150,000.00 1,430,045.00 369,000.00 184,500.00 1,107,000.00 20,000.00	Anticipated cost based on quotation. Anticipated cost based on quotation. Estimated cost based on RFPs. Estimated cost based on previous RFP responses. Anticipated cost based on known per high cost and estimated number of hours.

10. Equipment

		ADSS Fiber (All Counts)	Yes	2750000	1	\$ 2,750,000.00	
	OSP	Fiber Build Hardware	Yes	750000	1	\$ 750,000.00	Anticipated cost based on quotation.
	USP	UG Materials	Yes	150000	1	\$ 150,000.00	Anticipated cost based on quotation.
					Sub-total	\$ 3,650,000.00	
		Aggregation EdgeSwitches for RAN Hubs	Yes	75000	1	\$ 75,000.00	
		Core, Edge, and CPE Mgmt System	Yes	263000	1	\$ 263,000.00	
	Switching	Aggregation Edge Switching	Yes	500000	1	\$ 500,000.00	Anticipated cost based on quotation.
		All ROADM Nodes	Yes	2500000	1	\$ 2,500,000.00	
					Sub-total	\$ 3,338,000.00	
		Ethernet Switches - Anchor Institutions	Yes	150000	1	\$ 150,000.00	
	Access	Ethernet Switches - RAN	Yes	200000	1	\$ 200,000.00	Anticipated cost based on quotation.
	Access	All Backup Power and Materials	Yes	100000	1	\$ 100,000.00	Anticipated cost based on quotation.
					Sub-total	\$ 450,000.00	
	Microwave						Anticipated cost based on quotation.
	System	Microwave Equipment (Materials & Spare	Yes	1031103	1	\$ 1,031,103.00	·
10. Equipment	Project Mgmt	Project Management	Yes	435469	1	\$ 435,469.00	Anticipated cost based on quotation.
		HVAC	Yes	402000	1	\$ 402,000.00	
		UPS	Yes	115000	1	\$ 115,000.00	
		Materials	Yes	400000	1	\$ 400,000.00	
	Colocation	VM SAN	Yes	425000	1	\$ 425,000.00	
	Center	Generator & Infrastructure	Yes	333000	1	\$	Estimated cost based on analysis and
	Renovation	In row cabs	Yes	3472	36	\$ 124,992.00	consultation with experts in this field.
	Kellovation	Equipment	Yes	410000	1	\$ 410,000.00	
		Electrical Infrastructure	Yes	178000	1	\$ 178,000.00	
		Other				\$ -	
					Sub-total	\$ 2,387,992.00	
		Furniture for three offices and meeting rm	Yes	23000	1	\$ 23,000.00	Actual and estimated cost of equipment
	Office Equip/	Computer, Phone, Printing equipment	Yes	21000	1	\$ 21,000.00	required to execute the grant and comple
	Furniture	Other				\$ -	construction.
					Sub-total	\$ 44,000.00	CONSTRUCTION.
	SUB-TOTAL					\$ 11,336,564.00	

11. Miscellaneous

N/A

Addendum

Indirect Costs. The non-profit 501(c)3 OpenCape Corporation was created specifically for the purpose of developing the OpenCape concept, securing funding, and overseeing construction and later operation. It currently has three employees. Employees and associated costs shall be incurred directly for the purpose of constructing the OpenCape network. All costs are associated with the capital project. Therefore, OpenCape has no indirect costs.

Category			T				-
	Sub-Category	ltem	Allowable	Unit Cost	Units	Total Cost	Comments
		Legal Contracts	Yes	550000	1	\$ 550,000.00	
		Accounting	Yes	150000	1	\$ 150,000 00	
		Auditing		60000			Legal, accounting, auditing, HR, payroll and
			Yes		1		other conculture convect required to evenue
	Consulting	HR	Yes	8000	1	\$ 8,000 00	the grant based on actual exponditures and
		Payroll	Yes	10000	1	\$ 10,000.00	anticipated expenditures
		Other Consulting	Yes	45732	1	\$ 45.732.00	anticipated expenditures
					Sub-total	\$ 823,732.00	
		00					
		OpenCape Volunteers 7/9-8/14	Yes	90	980	\$ 88,200.00	
1. Administrative and	Grant Prep	OpenCape Volunteers 8/14-12/31	Yes	90	890		OpenCape Board members' actual volunteer
legal expenses	O. a.i.c. rop	OpenCape Volunteers Post Award	Yes	90	1.900	\$ 171,000.00	hours in support of the project and grant
legal expenses					Sub-total	\$ 339,300.00	1
	-	Postage, Phone Web, Printing, etc.	Yes	35000	1	\$ 35,000.00	
			Yes	25000	1		Basic administrative requirements for
	General Admin	Insurance					
		Matenais, Outreach, Software, Other	Yes	50000	1		executing the grant
					Sub-total	\$ 110,000.00	
		Conference and Meeting Expenses	Yes	5000	1	\$ 5,000 00	Attendance at NTIA required conferences
	Travel	Other Travel	Yes	2500	1	\$ 2,500.00	and other meetings related to the grant within
				2000	Sub-total		the region
	SUB-TOTAL				Jub-total		the region
	SUB-TUTAL					\$ 1,280,532.00	
2. Land, structures,	- Contractor (Contractor)						25 year lease from Bamstable County of
rights-of-way, appraisals,	Collocation		1 1				7500sqft of public safety building. First five
	Center	Barn Cty Bldg IRU	Yes	750000	1	\$ 750,000.00	years of payments included in match
etc.	SUB-TOTAL					\$ 750,000.00	
	1						
3. Relocation expenses						s -	
and payments	CUP TOTAL						
	SUB-TOTAL	_				\$ -	
4. Architectural and							
engineering fees						\$ -	
engineering lees	SUB-TOTAL					\$ -	
	100 artist						
	Outside Plant		1 1				
	200000000000000000000000000000000000000	Engineering OSP Fiber Component	Yes	380,160	1	\$ 380,160.00	
	Microwave	Microwave Overlay	Yes	300,000	1	S 300,000.00	
		Transport	Yes	204,616	1	\$ 204,616 00	
	Network	Municipal RAN	Yes	100,000	1	\$ 100.000.00	
5. Other architectural					Sub-total	\$ 984,776.00	expenditures contracts, or bids to RFPs for
and engineering fees	Integration	Central Office, Collocation Center, Other	Yes	50,000	1	\$ 50,000 00	designing and engineering the network and
and engineering rees				1000 0000		3 30,000 00	designing and engineering the network and
	Project Mgmt	Contractor Management	Yes	235,469	1	S 235 469,00	collocation center
	Conceptual						
	Design	Sidera Networks Engineering	Yes	215,640	1	\$ 215,640 00	
	Collocation						
	Center	Engineering of building renovation	Yes	150	200	\$ 30,000.00	
		Engineering of building renovation	163	130	200		
	SUB-TOTAL					\$ 1,515,885.00	
		Cable Testing	Yes	100,000	1	\$ 100,000 00	
	Outside Plant	Third Party Testing and Certification	Yes	50,000	1	\$ 50,000 00	
					Sub-total	\$ 150,000.00	
		A ALCOHOLOGIC ACCOUNTS	Yes	89,114	3	\$ 89,114.00	
	Microwave	Microwaye Overlay				00,114,00	
6 Project increasion	Microwave	Microwave Overlay				6 200 000 00	Inconcessor and tection of the actuary custom
6. Project inspection		Transport	Yes	200,000	1		
Project inspection fees	Microwave Network				1	\$ 50,000 00	Inspection and testing of the network system once installed.
·		Transport	Yes	200,000	1 Sub-total		
·	Network	Transport Municipal RAN	Yes Yes	200,000 50,000	Sub-total	\$ 50.000 00 \$ 250,000.00	
·	Network Integration	Transport Municipal RAN Central Office, Collocation Center, Other	Yes Yes Yes	200,000 50,000 50,000	Sub-total	\$ 50,000 00 \$ 250,000.00 \$ 50,000 00	
·	Network Integration Project Mgmt	Transport Municipal RAN	Yes Yes	200,000 50,000	Sub-total	\$ 50.000 00 \$ 250,000.00 \$ 50.000 00 \$ 275.000.00	
·	Network Integration	Transport Municipal RAN Central Office, Collocation Center, Other	Yes Yes Yes	200,000 50,000 50,000	Sub-total	\$ 50,000 00 \$ 250,000.00 \$ 50,000 00 \$ 275,000.00 \$ 814,114.00	
fees	Network Integration Project Mgmt SUB-TOTAL	Transport Municipal RAN Central Office, Collocation Center, Other	Yes Yes Yes	200,000 50,000 50,000	Sub-total	\$ 50.000 00 \$ 250,000.00 \$ 50.000 00 \$ 275.000.00 \$ 814,114.00 \$.	
·	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL	Transport Municipal RAN Central Office, Collocation Center, Other	Yes Yes Yes	200,000 50,000 50,000	Sub-total	\$ 50,000 00 \$ 250,000.00 \$ 50,000 00 \$ 275,000.00 \$ 814,114.00	
fees 7. Site work	Network Integration Project Mgmt SUB-TOTAL	Transport Municipal RAN Central Office, Collocation Center, Other	Yes Yes Yes	200,000 50,000 50,000	Sub-total	\$ 50.000 00 \$ 250,000.00 \$ 50.000 00 \$ 275.000.00 \$ 814,114.00 \$.	once installed.
fees	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL	Transport Municipal RAN Central Office, Collocation Center, Other	Yes Yes Yes	200,000 50,000 50,000	Sub-total	\$ 50.000 00 \$ 250,000.00 \$ 50.000 00 \$ 275.000.00 \$ 814,114.00 \$.	once installed. Estimate of demolition cost of the future
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management	Yes Yes Yes Yes	200.000 50.000 50,000 275,000	Sub-total 1 1	\$ 50,000 00 \$ 250,000.00 \$ 50,000 00 \$ 275,000,00 \$ 814,114.00 \$ -	estimate of demolition cost of the future regional collocation center in anticipation of
fees 7. Site work	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition	Transport Municipal RAN Central Office, Collocation Center, Other	Yes Yes Yes	200,000 50,000 50,000	Sub-total	\$ 50,000 00 \$ 250,000.00 \$ 50,000 00 \$ 275,000.00 \$ 814,114.00 \$	once installed. Estimate of demolition cost of the future
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation	Yes Yes Yes Yes	200.000 50.000 50.000 275,000	Sub-total 1 1 1	\$ 50,000 00 \$ 250,000.00 \$ 50,000 00 \$ 275,000.00 \$ 814,114.00 \$ \$ \$ \$	estimate of demolition cost of the future regional collocation center in anticipation of
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment	Yes Yes Yes Yes Yes Yes	200.000 50.000 50.000 275.000 100000 35000	\$ub-total 1 1 1 1 1	\$ 50,000.00 \$ 250,000.00 \$ 50,000.00 \$ 275,000.00 \$ 814,114.00 \$. \$. \$.	Estimate of demolition cost of the future regional collocation center in anticipation of renovation.
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation	Yes Yes Yes Yes	200.000 50.000 50.000 275,000	Sub-total 1 1 1	\$ 50,000 00 \$ 250,000.00 \$ 50,000 00 \$ 275,000.00 \$ 814,114.00 \$ \$ \$ \$	Estimate of demolition cost of the future regional collocation center in anticipation o renovation.
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment	Yes Yes Yes Yes Yes Yes	200.000 50.000 50.000 275.000 100000 35000	\$ub-total 1 1 1 1 1	\$ 50,000.00 \$ 250,000.00 \$ 50,000.00 \$ 275,000.00 \$ 814,114.00 \$. \$. \$.	Estimate of demolition cost of the future regional collocation center in anticipation of renovation.
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty. Bldg. Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality	Yes	200.000 50.000 50.000 275.000 100000 35000 16000 22000	\$\text{Sub-total} & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 &	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 275,000,00 \$ 814,114.00 \$ \$ \$ \$ 100,000,00 \$ 100,000,00 \$ 35,000,00 \$ 16,000,00 \$ 22,000,00	Estimate of demolition cost of the future regional collocation center in anticipation of renovation. Actual and anticipated costs associated will Environmental Assessment and special
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty. Bldg. Renovation Environmental Assessment Cape Cod Canal Environ Assess	Yes Yes Yes Yes Yes Yes Yes Yes	200,000 50,000 50,000 275,000 100000 35000 16000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000 00 \$ 250,000,00 \$ 50,000 00 \$ 275,000,00 \$ 814,114,00 \$. \$. \$. \$. \$. \$. \$. \$. \$. \$.	Estimate of demolition cost of the future regional collocation center in anticipation o renovation. Actual and anticipated costs associated will
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000	1 1 1 1 1 Sub-total	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 275,000,00 \$ 814,114.00 \$.	Estimate of demolition cost of the future regional collocation center in anticipation o renovation. Actual and anticipated costs associated will Environmental Assessment and special
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty. Bldg. Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624	1 1 1 1 1 1 Sub-total 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 275,000,00 \$ 814,114.00 \$ 5 \$ 100,000,00 \$ 100,000,00 \$ 35,000,00 \$ 16,000,00 \$ 22,000,00 \$ 75,000,00 \$ 148,000,00	Estimate of demolition cost of the future regional collocation center in anticipation o renovation. Actual and anticipated costs associated will Environmental Assessment and special permitting of the project
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty. Bldg. Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor	Yes	200.000 50.000 50.000 275.000 100000 35000 16000 22000 75000 583624 422400	1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000 00 \$ 250,000,00 \$ 50,000 00 \$ 275,000,00 \$ 814,114,00 \$ \$ \$ \$ \$ 100,000,00 \$ 35,000,00 \$ 35,000,00 \$ 22,000,00 \$ 75,000,00 \$ 148,000,00 \$ 583,624,00 \$ 422,400,00	Estimate of demolition cost of the future regional collocation center in anticipation o renovation. Actual and anticipated costs associated will Environmental Assessment and special permitting of the project
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000	1 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 275,000,00 \$ 814,114.00 \$ \$ \$ 100,000,00 \$ 100,000,00 \$ 35,000,00 \$ 16,000,00 \$ 22,000,00 \$ 75,000,00 \$ 148,000,00 \$ 583,624,00 \$ 422,400,00	Estimate of demolition cost of the future regional collocation center in anticipation o renovation. Actual and anticipated costs associated wit Environmental Assessment and special permitting of the project
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty. Bldg. Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor	Yes	200.000 50.000 50.000 275.000 100000 35000 16000 22000 75000 583624 422400	1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000 00 \$ 250,000,00 \$ 50,000 00 \$ 275,000,00 \$ 814,114,00 \$ \$ \$ \$ \$ 100,000,00 \$ 35,000,00 \$ 35,000,00 \$ 22,000,00 \$ 75,000,00 \$ 148,000,00 \$ 583,624,00 \$ 422,400,00	Estimate of demolition cost of the future regional collocation center in anticipation o renovation. Actual and anticipated costs associated wit Environmental Assessment and special permitting of the project
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000	1 1 1 Sub-total 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 275,000,00 \$ 814,114,00 \$ 5 \$ - \$ - \$ 100,000,00 \$ 100,000,00 \$ 35,000,00 \$ 16,000,00 \$ 22,000,00 \$ 75,000,00 \$ 148,000,00 \$ 583,624,00 \$ 422,400,00 \$ 190,000,00 \$ 190,000,00	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty. Bldg. Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing Venzon Licensing Venzon Licensing	Yes	200.000 50.000 275.000 100000 35000 16000 22000 75000 583624 422400 190000 165000 100000	1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 275,000,00 \$ 814,114.00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Venzon Licensing Venzon Conduit Access	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000 165000 100000 200000	1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000 00 \$ 250,000,00 \$ 50,000 00 \$ 275,000,00 \$ 814,114,00 \$ \$ \$ \$ \$ 100,000,00 \$ 100,000,00 \$ 35,000,00 \$ 16,000,00 \$ 22,000,00 \$ 75,000,00 \$ 583,624,00 \$ 422,400,00 \$ 190,000,00 \$ 190,000,00 \$ 190,000,00 \$ 190,000,00 \$ 200,000,00	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Venzon Licensing Venzon Conduit Access Venzon Central Office Licenses	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000 165000 100000 200000 50000	\$\sub-total 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 275,000,00 \$ 814,114,00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance applications, and associated fees, insurance
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000 165000 100000 200000	1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 50,000 00 \$ 250,000,00 \$ 50,000 00 \$ 275,000,00 \$ 814,114,00 \$ \$ \$ \$ \$ 100,000,00 \$ 35,000,00 \$ 16,000,00 \$ 75,000,00 \$ 75,000,00 \$ 583,624,00 \$ 422,400,00 \$ 190,000,00 \$ 190,000,00 \$ 190,000,00 \$ 510,000,00 \$ 190,000,00	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits	Yes	200.000 50.000 50.000 275.000 100000 35000 16000 22000 75000 583624 422400 19000 165000 100000 200000 500000 25000	\$\sub-total 1 1 1 1 1 1 1 1 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114.00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance applications, and associated fees, insurance
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Venzon Licensing Venzon Central Office Licenses Pole Revisits App and Attach Fees, Surety & Insurance	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000 165000 100000 200000 50000 200000 300000	\$\sub-total 1	\$ 50,000 00 \$ 250,000,00 \$ 50,000 00 \$ 275,000,00 \$ 814,114,00 \$ \$ \$ - \$ \$ \$ 100,000,00 \$ 35,000,00 \$ 22,000,00 \$ 75,000,00 \$ 75,000,00 \$ 422,400,00 \$ 190,000,00 \$ 190,000,00 \$ 190,000,00 \$ 100,000,00 \$ 5100,000,00 \$ 100,000,00 \$ 100,000,00 \$ 100,000,00 \$ 100,000,00 \$ 100,000,00 \$ 100,000,00 \$ 100,000,00 \$ 100,000,00 \$ 200,000,00 \$ 200,000,00 \$ 200,000,00 \$ 200,000,00 \$ 200,000,00	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated wit Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance applications, and associated fees, insurance
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits	Yes	200.000 50.000 50.000 275.000 100000 35000 16000 22000 75000 583624 422400 19000 165000 100000 200000 500000 25000	\$\sub-total	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114.00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated wit Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance applications, and associated fees, insurance
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Venzon Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits App and Attach Fees, Surety & Insurance Other (Police Details, Bonds, Fees)	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000 100000 200000 50000 25000 300000 120000	\$\sub-total 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114,00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated wit Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance applications, and associated fees, insurance
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Verizon Central Office Licenses Venzon Central Office Licenses Pole Revisits App and Attach Fees, Surety & Insurance Other (Police Details, Bonds, Fees) Ngrid Make Ready	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000 100000 200000 50000 200000 50000 120000 600000	\$\sub-total	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114.00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated wit Environmental Assessment and special permitting of the project Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance and surety requirements of the pole owners
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Venzon Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits App and Attach Fees, Surety & Insurance Other (Police Details, Bonds, Fees)	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 583624 422400 190000 100000 200000 50000 25000 300000 120000	\$\sub-total	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114.00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance.
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical Field Survey and Licensing	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing Venzon Licensing Venzon Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits App and Attach Fees, Surety & Insurance Other (Police Details, Bonds, Fees) Ngrid Make Ready NSTAR Make Ready	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 165000 100000 200000 50000 20000 50000 20000 50000 20000 20000 50000 20000 50000 20000 50000 20000 20000 50000 20000 20000 20000 50000 20000	\$\sub-total 1 1 1 1 1 1 1 1 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114.00 \$	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated wit Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance and surety requirements of the pole owners. Anticipated costs associated with Make
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Venzon Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits App and Attach Fees, Surety & Insurance Other (Police Details, Bonds, Fees) Ngrid Make Ready Venzon Make Ready Venzon Make Ready Venzon Make Ready	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 165000 100000 25000 300000 120000 600000 2750000 1800000	\$\sub-total \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114,00 \$ 5 \$ - \$ - \$ - \$ - \$ 100,000,00 \$ 100,000,00 \$ 35,000,00 \$ 16,000,00 \$ 22,000,00 \$ 75,000,00 \$ 190,000,00 \$ 190,000,00 \$ 190,000,00 \$ 190,000,00 \$ 190,000,00 \$ 100,000,00 \$ 100,000,00 \$ 200,000,00 \$ 200,000,00 \$ 200,000,00 \$ 200,000,00 \$ 200,000,00 \$ 2750,000,00 \$ 120,000,00 \$ 120,000,00	Estimate of demolition cost of the future regional collocation center in anticipation or renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance and surety requirements of the pole owners. Anticipated costs associated with Make Ready of poles and conduit based on near
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical Field Survey and Licensing	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Barn, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Verizon Central Office Licenses Venzon Central Office Licenses Pole Revisits App and Altach Fees, Surety & Insurance Other (Police Details, Bonds, Fees) Ngrid Make Ready NSTAR Make Ready Underground Make Ready	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 190000 190000 200000 200000 200000 200000 200000 120000 120000 18000000 250000 1800000 250000	\$\sub-total 1 1 1 1 1 1 1 1 1	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114.00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation of renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance and surety requirements of the pole owners. Anticipated costs associated with Make Ready of poles and conduit based on near final pole and distance numbers and
7. Site work 8. Demolition and	Network Integration Project Mgmt SUB-TOTAL SUB-TOTAL Colocation Center Demolition SUB-TOTAL Environment and Historical Field Survey and Licensing	Transport Municipal RAN Central Office, Collocation Center, Other Contractor Management Bam, Cty Bldg Renovation Environmental Assessment Cape Cod Canal Environ Assess State Wetland and Water Quality Army Corps of Engineers Field Survey Contractor Pole Licensing Contractor Ngrid Licensing NSTAR Licensing Venzon Licensing Venzon Conduit Access Venzon Central Office Licenses Pole Revisits App and Attach Fees, Surety & Insurance Other (Police Details, Bonds, Fees) Ngrid Make Ready Venzon Make Ready Venzon Make Ready Venzon Make Ready	Yes	200,000 50,000 50,000 275,000 100000 35000 16000 22000 75000 165000 100000 25000 300000 120000 600000 2750000 1800000	\$\sub-total \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\	\$ 50,000,00 \$ 250,000,00 \$ 50,000,00 \$ 814,114.00 \$ 5 \$	Estimate of demolition cost of the future regional collocation center in anticipation of renovation. Actual and anticipated costs associated with Environmental Assessment and special permitting of the project. Actual and anticipated costs associated with field survey of poles and conduit, license applications, and associated fees, insurance and surety requirements of the pole owners. Anticipated costs associated with Make Ready of poles and conduit based on near

Vest 2-85 / 1 1 2-85 / 1 1 2-85 / 1 1 2-85 / 1 1 2-85 / 1 1 2-85 / 1 1 2-85 / 1 1 2-85 / 1 1 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 1 2 2-85 / 2 2 2 2 2 2 2 2 2	\$ 303,147,00 \$ 188,071,00 \$ 273,324,00 \$ 233,216,00 \$ 187,111,00 \$ 533,874,00 \$ 533,874,00 \$ 440,700,00 \$ 311,019,00 \$ 131,019,00 \$ 131,019,00 \$ 131,019,00 \$ 132,851,00 \$ 102,851,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 154,939,00 \$ 155,030,00 \$ 102,851,00 \$ 159,030,00 \$ 159,030,00 \$ 159,030,00 \$ 159,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1432,254,00 \$ 150,000,00 \$ 1434,500,00 \$ 1553,500,00 \$ 1384,500,00 \$ 1384,500,00 \$ 1435,000,00 \$ 1435,000,00 \$ 1435,000,00 \$ 1750,000,00 \$ 275,000,00 \$ 2750,000,00 \$ 2750,000,00 \$ 2750,000,00 \$ 2750,000,00 \$ 2750,000,00 \$ 2750,000,00 \$ 2750,000,00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	303,147 188,071 279,324 233,216 187,111 256,271 533,874 277,361 440,700 311,019 532,914 187,111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000 2451,713 0	Yes	Fall River CO to New Bedford CO (15 Mi) New Bedford CO to Canal (25 Mi) Cape Cod Canal to Calaumet CO (8 Mi) Cataumet CO to Falmouth CO (12 Mi) Falmouth CO to Hyannis CO (24 Mi) Hyannis CO to Orleans CO (25 Mi) Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Ret 132 Connector (12 Mi) Ret 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
New Betroot CO to Caral (29 Mi)	S	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188,071 279,324 233,216 187,111 256,271 533,874 277,361 440,700 311,019 532,914 187,111 117,950 102,851 35,815 59,822 154,939 180,000 864,508 432,254 250,000 2451,713 0	Yes	New Bedford CO to Canal (25 Mi) Cape Cod Canal to Cataumet CO (8 Mi) Cape Cod Canal to Cataumet CO (12 Mi) Falmouth CO to Flynouth CO (12 Mi) Falmouth CO to Hyannis CO (24 Mi) Hyannis CO to Orleans CO (25 Mi) Orleans CO to Provincetown CO (28 Mi) Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hote Extension (3 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
Non-struction	\$ 188,071 00 \$ 279,324 00 \$ 233,216 00 \$ 187,111.00 \$ 256,271.00 \$ 533,874.00 \$ 277,361.00 \$ 440,700.00 \$ 311,019.00 \$ 532,914 00 \$ 187,111 00 \$ 117,950.00 \$ 4,520,265.00 \$ 102,851.00 \$ 102,851.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 253,247.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 154,939.00 \$ 155,000.00 \$ 164,500.00 \$ 174,000.00 \$ 174,000.00 \$ 174,000.00 \$ 175,000.00 \$ 175,000.00 \$ 175,000.00 \$ 175,000.00 \$ 27,500.000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188,071 279,324 233,216 187,111 256,271 533,874 277,361 440,700 311,019 532,914 187,111 117,950 102,851 35,815 59,822 154,939 180,000 864,508 432,254 250,000 2451,713 0	Yes	New Bedford CO to Canal (25 Mi) Cape Cod Canal to Cataumet CO (8 Mi) Cape Cod Canal to Cataumet CO (12 Mi) Falmouth CO to Flynouth CO (12 Mi) Falmouth CO to Hyannis CO (24 Mi) Hyannis CO to Orleans CO (25 Mi) Orleans CO to Provincetown CO (28 Mi) Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hote Extension (3 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
Outside Plant Total Backotto Barrisbace Colle (1998) 9. Construction 9. Construction 9. Construction 9. Construction 10. Calazima College (1998) 10. Calazima College	S 279,324 00 S 233,216 00 S 187,111,00 S 256,271,00 S 533,874,00 S 440,700 00 S 311,019 00 S 311,019 00 S 532,914 00 S 187,111 00 S 17950,00 S 4520,265,00 S 102,851,00 S 59,822,00 S 59,822,00 S 154,939 00 S 353,427,00 S 353,427,00 S 343,254,00 Anticipated costs associated with construction of the outside fiber plant extensions based on general extensions based on the outside fiber plant extensions based on first extensions based on the outside fiber plant backbone based on	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	279,324 233,216 187,111 256,271 533,874 277,361 440,700 311,019 532,914 187,111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000	Yes	Cape Cod Canal to Cataumet CO (8 Mi) Cataumet CO to Faimouth CO (12 Mi) Falmouth CO to Hyannis CO (24 Mi) Hyannis CO to Orleans CO (25 Mi) Orleans CO to Provincetown CO (28 Mi) Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Ret 132 Connector (12 Mi) Ret 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
Outside Plant Total Backbone Fabrum Fabr	\$ 233,216 00 \$ 187,111.00 \$ 256,271.00 \$ 533,874.00 \$ 277,361.00 \$ 533,874.00 \$ 277,361.00 \$ 311,019.00 \$ 311,019.00 \$ 311,019.00 \$ 187,111.00 \$ 117,950.00 \$ 192,851.00 \$ 35,815.00 \$ 59,822.00 \$ 154,939.00 \$ 154,939.00 \$ 138,4500.00 \$ 2451,713.00 \$ 102,851.00 \$ 154,939.00 \$ 150,000.00 \$ 1,800,000.00 \$ 1,800,000.00 \$ 1,800,000.00 \$ 1,800,000.00 \$ 1,800,000.00 \$ 2,219,062.00 \$ 1,800,000.00 \$ 2,451,713.00 \$ 1,800,000.00 \$ 2,451,713.00 \$ 2,451,713.00 \$ 2,451,713.00 \$ 2,451,713.00 \$ 2,451,713.00 \$ 3,400,000.00 \$ 3,400,000.00 \$ 3,400,000.00 \$ 3,400,000.00 \$ 3,400,000.00 \$ 3,400,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,430,000.00 \$ 3,436,000.00 \$ 3,436,000.00 \$ 3,436,000.00 \$ 3,436,000.00 \$ 3,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	233.216 187.111 256.271 533.874 277.361 440.700 311.019 532.914 187.111 117.950 102.851 35.815 59.822 154.939 1.800.000 864.508 432.254 250.000 2451.713 0	Yes	Cataumet CO to Faimouth CO (12 Mi) Falmouth CO to Hyannis CO (24 Mi) Hyannis CO to Orleans CO (25 Mi) Orleans CO to Provincetown CO (28 Mi) Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Rte 132 Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chalham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
Outside Plant Total Backbone Fiber Fib	S	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	187,111 256,271 533,874 277,361 440,700 311,019 532,914 187,111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000 2,451,713 0	Yes	Falmouth CO to Hyannis CO (24 Mi) Hyannis CO to Orleans CO (25 Mi) Orleans CO to Provincetown CO (28 Mi) Orleans CO to Provincetown CO (28 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
Outside Plant Total Backoot Collegation Ves. 256.27? 1 S. 259.27.00 off the processor Collegation Ves. 275.95 1 S. 259.27.00 off the processor Collegation Ves. 277.95 1 S. 259.27.00 off the processor Collegation Ves. 277.95 1 S. 277.95 off the processor Collegation Ves. 279.95 off the processor Collegation Ves. 0.000 off the processor Ves. 0.000 off the proces	S 256.271.00 Anticipated costs associated with construction of the outside fiber plant backbone based on S 277.361.00 S 440.700.00 S 311.019.00 S 311.019.00 S 187.111.00 S 187.111.00 S 187.111.00 S 117.950.00 S 4,520.265.00 S 59.822.00 S 59.822.00 S 59.822.00 S 154.939.00 S 353.427.00 S 184.508.00 Anticipated cost based on quotation S 432.254.00 Anticipated cost based on quotation S 432.254.00 Anticipated cost based on quotation S 2451.713.00 Anticipated cost based on quotation S 2.451.713.00 Anticipated cost based on quotation S 2.451.713.00 Anticipated cost based on quotation S 50.000 O S 555.500.00 S 1,430,045.00 S 1,430,045.00 S 1,430,045.00 S 27.500.00 O S 27.500.00 O S 27.500.00 S 27.500.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	256,271 533,874 277,361 440,700 311,019 532,914 187,111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000 2451,713 0	Yes	Hyannis CO to Orleans CO (25 Mi) Orleans CO to Provincetown CO (28 Mi) Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Ret 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chalham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
Total Backbone Price Compared CQ (28 Mi) Yes 33,874 3 5,533,674.00 Prepayorates and contract development 1,527,573.00 1 5,273.00 2,00 2,00 2,00 2,00 2,00 2,0	S 533,874.00 S 277,361.00 S 440,700.00 S 440,700.00 S 311.019.00 S 532,914.00 S 532,914.00 S 187,111.00 S 117,950.00 S 4,520,265.00 S 102,851.00 S 59,822.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	533.874 277.361 440,700 311,019 532,914 187.111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432.254 250,000 2.451.713 0.000	Yes	Orleans CO to Provincetown CO (28 Mi) Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Backbone Fiber Outside Plant Total Fiber Backbone	9. Construction
Price Characteristic Commission Col. (28 Min) Vest 53.38 eVal 1 5 53.38 eVa	\$ 277.361.00 \$ 277.361.00 \$ 440,700.00 \$ 311.019.00 \$ 311.019.00 \$ 187.111.00 \$ 117.950.00 \$ 102.851.00 \$ 102.851.00 \$ 35.815.00 \$ 35.815.00 \$ 35.815.00 \$ 154.939.00 \$ 154.939.00 \$ 154.939.00 \$ 133.427.00 \$ 14.800.000 \$ 154.939.00 \$ 154.939.00 \$ 154.939.00 \$ 154.939.00 \$ 1550.000 \$ 10.851.00 \$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	277,361 440,700 311,019 532,914 187 111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000 2,451,713 0	Yes	Orleans CO to Barnstable Collo (23 Mi) Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chaltam Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Fiber Outside Plant Total Fiber Backbone	9. Construction
8. Construction 9. Pijmouth CO1 to Brooken CO (13 M) 9. Yes 532,914 1 5 532,914 to 0 1. S 1717 1000 Pijmouth CO1 to Brooken CO (13 M) 1. Yes 1871 11 1 5 1871 11 to 0 1. S 1717 1000 1. Construction Const	S	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	440.700 311,019 532,914 187 111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000 2 451,713 0	Yes	Barnstable Collo to Canal (17 Mi) Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Outside Plant Total Fiber Backbone	9. Construction
9. Construction Cage Cod Cage Land In Promotion Cod 19 Mi) Ves 440,700 1 5 440,700 1	\$ 340,700 00 \$ 311,019 00 \$ 187,111 00 \$ 197,111 00 \$ 17,950,00 \$ 1,02,851 00 \$ 102,851 00 \$ 154,939 00 \$ 154,939 00 \$ 154,939 00 \$ 1880,000 00 \$ 1884,508 00 \$ 1884,508 00 \$ 1380,000 00 \$ 24,51,713.00 \$ 22,19,062 00 \$ 21,000 00 \$ 1,430,455 00 \$ 1,430,455 00 \$ 1,430,455 00 \$ 1,430,045 00 \$ 1,470,000 00 \$ 1,470,000 00 \$ 1,470,000 00 \$ 1,470,000 00 \$ 1,470,000 00 \$ 21,500 00	1 1 1 1 Sub-total 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	311,019 532,914 187 111 117,950 102,851 35,815 59,822 154,939 1,800,000 884,508 432,254 250,000 2,451,713 0	Yes	Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	9. Construction
S. Construction	\$ 311,019.00 \$ 532,914.00 \$ 137,111.00 \$ 117,950.00 \$ 4,520,265,00 \$ 102,851.00 \$ 35,815.00 \$ 59,822.00 \$ 154,939.00 \$ 333,427.00 \$ 1,800,000.00 \$ 1864,508.00 \$ 2451,713.00 \$ 2,451,713.00 \$ 2,451,713.00 \$ 2,451,713.00 \$ 2,219,062.00 \$ 360,000.00 \$ 500,000.00 \$ 500,000.00 \$ 1,200,000.00 \$ 1,200,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 1,100,000.00 \$ 2,7500.00 \$ 2,7500.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00 \$ 2,750,000.00	1 1 1 1 Sub-total 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	311,019 532,914 187 111 117,950 102,851 35,815 59,822 154,939 1,800,000 884,508 432,254 250,000 2,451,713 0	Yes	Cape Cod Canal to Plymouth CO (18 Mi) Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	9. Construction
Pymouth CO W Brooxlon CO (31 M)	\$ 532,914 00 \$ 187,111 00 \$ 17,950.00 \$ 4,520,265.00 \$ 102,851.00 \$ 59,822.00 \$ 59,822.00 \$ 154,939.00 \$ 1,300,000 00 \$ 432,254.00 \$ 1800,000 00 \$ 432,254.00 \$ 100,000 00 \$ 24,51,713.00 \$ 2,451,713.00 \$ 2,219,062.00 \$ 2,219,062.00 \$ 1,430,045.00 \$ 1,1430,045.00 \$ 1,147,000.00 \$ 2,750,000.00 \$ 24,364,298.00 \$ 2,750,000.00	1 1 1 Sub-total 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	532,914 187 111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000 2,451,713 0	Yes	Plymouth CO to Brockton CO (31 Mi) Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chalham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	9. Construction
Canal Connector (12 Mi)	S	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	187 111 117,950 102,851 35,815 59,822 154,939 1,800,000 864,508 432,254 250,000 2 451,713 0	Yes	Canal Connector (12 Mi) Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hote Extension (3 Mi) Chaltama Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	9. Construction
Re 13/2 Connector (9 Mb)	S	1 Sub-total 1 1 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	102.851 35.815 59.822 154.939 1,800.000 864.508 432.254 250.000 2.451.713 0	Yes	Rte 132 Connector (5 Mi) Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	
Dustide Plant	\$ 4,520,265.00 \$ 102,851.00 \$ 35,815.00 \$ 59,822.00 \$ 154,939.00 \$ 154,939.00 \$ 158,427.00 \$ 1,800,000.00 \$ 864,508.00 \$ Anticipated cost based on quotation \$ 432,254.00 Anticipated cost based on quotation \$ 2,451,713.00 \$ 1,280,045.00 \$ 1,280,045.00 \$ 1,280,045.00 \$ 1,300,000 \$ 1,430,045.00 \$ 1,300,000 \$ 1,430,045.00 \$ 1,300,000 \$ 1,430,000 \$ 1,500,000 \$ 1,500,000 \$ 1,500,000 \$ 2,7500,000 \$ 2,7500,000 \$ 2,750	Sub-total 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1	102.851 35.815 59.822 154.939 1.800.000 864.508 432.254 250.000 2.451.713 0	Yes	Edwards/Otis Air Force Base Ext (4 Mi) Woods Hole Extension (3 Mi) Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	
Outside Plant Total Fiber	\$ 102.851.00 of the outside fiber plant extensions based on quotation. S 1,430,045,00 Anticipated cost based on substance and published and published fiber plant extensions based on quotation. Anticipated cost based on quotation S 2,219,062,00 Anticipated cost based on previous RFP responses S 1,430,045,00 Estimated cost based on previous RFP responses S 1,430,045,00 Estimated cost based on previous RFP responses S 1,430,045,00 Anticipated cost based on previous RFP responses S 1,430,045,00 Estimated cost based on previous RFP responses S 1,430,045,00 Anticipated cost based on previous RFP responses S 1,430,045,00 Estimated cost based on previous RFP responses S 1	1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	35.815 59.822 154.939 1,800.000 864,508 432.254 250.000 2 451.713 0	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Woods Hale Extension (3 Mi) Chalham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	
Woods Hole Extension (3 Mi)	\$ 35,815 00 of the outside fiber plant extensions based of \$ 59,822.00 of the outside fiber plant extensions based of \$ 154,939 00 of the outside fiber plant extensions based of \$ 1,800,000 00 of the outside fiber plant extensions based on \$ 353,427.00 of \$ 1,800,000 00 of the outside fiber plant extensions based on \$ 353,427.00 of \$ 1,800,000 00 of the outside fiber plant extensions based on \$ 2,800,000 00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 2,800,000 00 of the outside fiber plant extensions based on \$ 2,800,000 00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on \$ 359,427.00 of the outside fiber plant extensions based on quotation. Anticipated cost based on quotation and outside fiber plant extensions based on quotation. Anticipated cost based on quotation. Anticipated cost based on quotation. Cost absorbed within OSP build S 2,219,062 00 Anticipated cost based on previous RFP responses for the outside fiber plant extensions based on quotation. S 2,219,062 00 Anticipated cost based on quotation S 2,219,062 00 Anticipated cost based on previous RFP responses for the outside fiber plant extensions based on quotation.	1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	35.815 59.822 154.939 1,800.000 864,508 432.254 250.000 2 451.713 0	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Woods Hale Extension (3 Mi) Chalham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Total Fiber Backbone	
Contact Profest Contact Pr	\$ 59,822.00 of the oldstafe liber plant extensions dised of \$ 154,939.00 of RFP responses and contract development with successful RFP respondent \$ 353,427.00 of RFP responses and contract development with successful RFP respondent \$ 1,800,000.00 of Anticipated cost based on quotation of Anticipated cost based on RFPs of Anticipated cost based on previous RFP responses of Anticipated cost based on previous RFP responses of Anticipated cost based on quotation of Anticipated cost based on RFPs of Anticipated cost based on RFPs responses of Anticipated cost based on RFPs responses of Anticipated cost based on RFPs responses response responses responses responses responses response responses response respons	1 Sub-total 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	59,822 154,939 1,800,000 864,508 432,254 250,000 2 451,713 0	Yes Yes Yes Yes Yes Yes Yes	Chatham Extension (8 Mi) National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Backbone	
Sections Contractor Management Ves 15,000 Sections Ves 15,000 Sections Ves 15,000 Sections Ves 15,000 Ves 15,000 Ves 15,000 Ves 15,000 Ves 15,000 Ves 15,000 Ves	\$ 154,939 00 \$ 154,939 00 \$ 158,000 00 00 \$ 1.800,000 00 \$ 1.800,000 00 \$ 2432,254 00 \$ Anticipated cost based on quotation \$ 250,000 00 \$ Anticipated cost based on quotation Anticipated cost based on previous RFP S 2,219,062 00 Anticipated cost based on previous RFP S 1,280,045 00 S 1,473,045,00 S 1363,000 00 S 1,473,045,00 S 1,7500,00 S 27,500,000 S 27,500,000 S 27,500,000 S 27,500,000 S 27,500,000 00 S 7,500,000 S 27,500,000 00 S 7,500,000 S 27,500,000 00 S 7,500,000 00 S 27,500,000 00 S 7,500,000 00 S 7,500,000 00 S 7,500,000 00	1 Sub-total 1 1 1 1 1 1 1 1 1 Sub-total 1 1 1	1,800,000 864,508 432,254 250,000 2,451,713 0	Yes Yes Yes Yes Yes Yes	National Seashore Extension (2 Mi) New Underground (42240 feet) Installation and Configuration	Backbone	
Extensions National Seasorier Extension (2 Min Yes 194,939 1	\$ 353,427.00 \$ 1800,000 00 \$ 1800,000 00 \$ 1800,000 00 \$ 1800,000 00 \$ 120,000 00 \$ 24,580,000 \$ 2,7500,000 \$ 24,384,288.00 \$ 24,384,288.00 \$ 364,508 00 \$ 2,750,000 00 \$ 27,500,000 \$ 2,750,000 00	Sub-total	1,800,000 864,508 432,254 250,000 2 451,713 0	Yes Yes Yes Yes	New Underground (42240 feet) Installation and Configuration		
Underground New Underground (42240 feet)	\$ 1.800,000 00 Anticipated cost based on quotation. \$ 864,508.00 Anticipated cost based on quotation. \$ 250,000 00 Anticipated cost based on quotation. \$ 250,000 00 Anticipated cost based on quotation. \$ 2,451,713.00 Anticipated cost based on quotation. \$ 2,451,713.00 Anticipated cost based on quotation. \$ 2,451,713.00 Anticipated cost based on quotation. \$ 2,219,062.00 Anticipated cost based on quotation. \$ 20,000.00 Estimated cost based on RFPs. \$ 1,280,045.00 Estimated cost based on previous RFP responses. \$ 1,430,045.00 Estimated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses. \$ 1,107,000.00 Anticipated cost based on previous RFP responses.	1 1 1 1 1 1 1 1 1 Sub-total 1 1 1	864,508 432,254 250,000 2 451 713 0	Yes Yes Yes	Installation and Configuration	Extensions	
Tower Laterals Installation and Configuration Yes 884,508 1 \$ 864,508 60 Anticipated cost based on quotation Yes 422,524 1 \$ 432,254 0 Anticipated cost based on quotation Yes 245,000 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Xes	\$ 864,508.00 Anticipated cost based on quotation \$ 250,000.00 Anticipated cost based on quotation \$ 250,000.00 Anticipated cost based on quotation \$ 2,451,713.00 Anticipated cost based on quotation \$ 2,451,713.00 Anticipated cost based on quotation \$	1 1 1 1 1 1 1 Sub-total 1 1 1 1	864,508 432,254 250,000 2 451 713 0	Yes Yes Yes	Installation and Configuration	1	
Tower Laterals Installation and Configuration Yes 884,508 1 \$ 864,508 60 Anticipated cost based on quotation Yes 422,524 1 \$ 432,254 0 Anticipated cost based on quotation Yes 245,000 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Yes 0 1 \$ 250,000 0 Anticipated cost based on quotation Yes Xes	S	1 1 1 1 1 1 1 Sub-total 1 1 1 1	864,508 432,254 250,000 2 451 713 0	Yes Yes Yes	Installation and Configuration	Underground	
Anchor Laterals Installation and Configuration Yes	\$ 432,254,00 Anticipated cost based on quotation \$ 2,451,713.00 Anticipated cost based on quotation \$ 2,451,713.00 Anticipated cost based on quotation \$ 2,451,713.00 Anticipated cost based on quotation \$ 5 - Cost absorbed within OSP build \$ 500,000 00 Anticipated cost based on quotation \$ 604,500 00 Estimated cost based on quotation \$ 1,280,045 00 Estimated cost based on RFPs \$ 1,280,045 00 Estimated cost based on previous RFP responses \$ 1,473,045,00 Estimated cost based on known per hour cost and estimated number of hours \$ 1,107,000.00 S 20,000 00 Anticipated cost of community ourreach to coordinate the deployment of CAI laterals \$ 2,750,000 00 S 7,500,000 00	1 1 1 1 1 1 1 1 Sub-total 1 1 1 1	432,254 250,000 2 451 713 0	Yes Yes			
Canal Crossing Morth Directional Bore Crossing Yes 250,000 1 \$ 250,000 Anticipated cost based on quotation Yes 2451713 1 \$ 2,451713.0 Anticipated cost based on quotation Yes Central Office Renovation POPs Yes 0 1 \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ 250,000 00 Anticipated cost based on quotation \$ 2,451,713.00 Anticipated cost based on quotation \$ 2,451,713.00 Anticipated cost based on quotation \$ 5	1 1 1 1 1 Sub-total 1 1 13	250,000 2 451 713 0 0	Yes	matanation and Comiguration		
Microwave System Installation and Configuration Yes 2451713 1 5 2,451713 2 3 3 3 3 3 3 3 3	\$ 2,451,713.00 S	1 1 1 1 Sub-total 1 1 13	2 451 713 0 0		r II	Anchor Laterals	
Microwave System Installation and Configuration Yes 2451713 1 5 2,550,000 2,500,000 3 5 2,500,000 3 5 2,500,000 4 5 2,500,000 5 5 5 5 5 5 5 5 5	\$ 2,451,713.00 S	1 1 1 1 Sub-total 1 1 13	2 451 713 0 0		North Description	Canal Crossing	
System	\$ 2,451,713.00 \$ 5 \$	1 1 1 Sub-total 1 1 13	0	Yes	North Directional Bore Crossing	-	
System	\$ 2,451,713.00 \$ 5	1 1 1 Sub-total 1 1 13	0	Yes		Microwave	
Central Office Renovation Collocation Center Yes 0 1 S	Cost absorbed within OSP build	1 1 1 Sub-total 1 1 13	0		Installation and Configuration	System	
Central Office Renovation Colocation Center Yes 0	S	1 1 Sub-total 1 1 13	0				
Project Mgmt Contractor Management Yes 2.219 062 1 S 2.219 062 0 Anticipated cost based on quotation Troubing	\$ - Cost adsorted within CSF bolid \$ 2,219,062 00 Anticipated cost based on quotation \$ 500,000 00 Estimated cost based on RFPs \$ 1,280,045 00 Estimated cost based on RFPs \$ 150,000 00 Estimated cost based on previous RFP responses \$ 1,430,045,00 Cost based on previous RFP responses \$ 1,430,045,00 Cost based on known per hour cost and estimated number of hours \$ 1,107,000,00 Cost and estimated number of hours \$ 20,000 00 Cost and estimated number of hours \$ 21,500,00 Cost and estimated number of hours \$ 24,364,298.00 Cost and estimated number of CAI laterals \$ 27,500,000 Cost and estimated number of hours \$ 27,500,000 Cost and estimated number of hours \$ 27,500,000 Cost and estimated number of hours \$ 21,000 Cost and estimated number of hours	1 Sub-total 1 1 13				Central Office	
Project Mgmt Contractor Management Yes 2219 062 1 \$ 2,219 052 00 Anticipated cost based on quotation South Color	\$ 2,219,052 00 Anticipated cost based on quotation \$ 500,000 00 Anticipated cost based on quotation \$ 604,500 00 Estimated cost based on RFPs \$ 1,280,045 00 Estimated cost based on Previous RFP \$ 1,280,045 00 Estimated cost based on Previous RFP \$ 1,280,045 00 Estimated cost based on Previous RFP \$ 1,280,045 00 Estimated cost based on Previous RFP \$ 1,300,000 OS \$ 1,400,000 OS \$ 1,400,000 OS \$ 2,500,000 OS \$ 27,500,000 OS \$ 27	\$ub-total 1 1 1 13	U				
Project Mgmt	\$ 2,219,062 00 Anticipated cost based on quotation \$ 500,000 00 Anticipated cost based on quotation \$ 604,500 00 Estimated cost based on RFPs \$ 1,280,045 00 \$ 150,000 00 \$ 1,430,045.00 \$ 533,500.00 \$ 194,500 00 \$ 194,500 00 \$ 20,000 00 \$ 2,500 00 \$ 27,500 00 \$ 24,364,298.00 \$ 7,500 00 \$ 2,750,000 00 \$ 2,750,000 00 \$ 2,750,000 00 \$ 2,750,000 00 \$ 2,750,000 00	1 1 13		res	Collocation Center	Renovation	
Bond Construction Bonding Yes 500,000 1 \$ 500,000 000 Anticipated cost based on quotation ToolMhz Public Safety 700Mhz System Yes 46500 13 \$ 604,500 00 Estimated cost based on RPFs 15000 1 \$ 150,000 00 150,00	\$ 500,000 00 Anticipated cost based on quotation \$ 604,500 00 Estimated cost based on RFPs \$ 1,280,045 00 S 150,000 00 \$ 1,430,045.00 Estimated cost based on previous RFP responses \$ 1,430,045.00 OO S 184,500.00 Anticipated cost based on known per hour cost and estimated number of hours \$ 1,107,000.00 OO S 20,000 OO S 27,500.00 OO S 24,364,298.00 S 2,750,000.00 S 7,500.00 OO S	1 13					
Toolking	\$ 1.280,045.00 Estimated cost based on RFPs \$ 1.280,045.00 Estimated cost based on previous RFP responses \$ 1,430,045.00 S 553,500.00 S 369,000 00 Anticipated cost based on known per hour cost and estimated number of hours \$ 1,107,000.00 S 20,000 00 S 27,500.00 S 24,364,298.00 S 2,750,000 00 S 750,000 0	13					
Colocation Center Barn. Cty. Bidg. Renovation Yes 1280045 1 5 1,280,045,00 Testimated cost based on previous responses	\$ 1.280.045.00 Estimated cost based on previous RFP responses \$ 150.000.00 S 553.500.00 \$ 369.000.00 S 184.500.00 \$ 1,107,000.00 S 20.000.00 S 27.500.00 \$ 24,364,298.00 S 27.500.00 S 27.500.00 \$ 2,750.000.00 S 27.500.00 S 27.5		500,000	Yes		Bond	
Colocation Center Barn. Cty. Bidg. Renovation Yes 1280045 1 5 1.280 045 00 Estimated cost based on previous responses	\$ 1.280.045.00 \$ 150,000.00 \$ 1,430,045.00 \$ 553,500.00 \$ 369,000.00 \$ 184,500.00 \$ 10,000.00 \$ 20,000.00 \$ 20,000.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00		46500	Yes	Public Safety 700Mhz System	700Mhz	
Center Contente Center	\$ 150,000 00 \$ 1,430,045.00 responses \$ 553,500.00 Anticipated cost based on known per hour cost and estimated number of hours \$ 184,500,00 Anticipated cost of community outreach to coordinate the deployment of CAI laterals \$ 27,500.00 S 27,5			200			
Renovation	\$ 1,430,045.00 \$ 553,500.00 \$ 369,000.00 \$ 184,500.00 \$ 1,107,000.00 \$ 20,000.00 \$ 7,500.00 \$ 27,500.00 \$ 24,364,298.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00						
Director Yes 90 6,150 \$ 1,330,045.00	\$ 1,430,045.00 \$ 553,500.00 \$ 369,000 00 \$ 184,500,00 \$ 1,107,000.00 \$ 20,000 00 \$ 7,500 00 \$ 27,500.00 \$ 24,364,298.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00 \$ 27,500.00		150000	Yes	Data Center Construction		
Overall Project Management	\$ 369,000 00 Anticipated cost based on known per hour cost and estimated number of hours \$ 1,107,000.00 S 20,000 00 Anticipated cost of community outreach to coordinate the deployment of CAI laterals \$ 24,364,298.00 S 2,750,000 00	Sub-total				Renovation	
Overall Project Management Construction Coordinator Yes 30 6,150 \$ 3,369,000 00 Anticipated cost based on incoming for configuration Coordination Sub-rotal \$ 1,107,000,00 Coordination Sub-rotal \$ 1,000,000 Coordinate Coordination Sub-rotal \$ 1,000,000 Coordinate Coordination Sub-rotal \$ 27,500,000 Coordinate Coordination Sub-rotal \$ 27,500,000 Coordinate Coordinat	\$ 369,000 00 Anticipated cost based on known per hour cost and estimated number of hours \$ 1,107,000.00 S 20,000 00 Anticipated cost of community outreach to coordinate the deployment of CAI laterals \$ 27,500.00 S 2,750,000 00 S 2,	6 150	90	Yes	Director		
Annagement	\$ 184,500.00 cost and estimated number of hours \$ 1,107,000.00 S 20,000 O Anticipated cost of community outreach to coordinate the deployment of CAI laterals \$ 24,364,298.00 S 2,750,000.00 S 2,750,000.00 S 2,750,000.00					Overall Project	
Anchor Configuration Coordination Sub-total Sub-	\$ 1,107,000.00 \$ 20,000 00 \$ 7,500 00 \$ 27,500.00 \$ 24,364,298.00 \$ 2,750,000.00 \$ 2,750,000.00					122	
Regional Area Network Muni	\$ 20,000.00 Anticipated cost of community outreach to coordinate the deployment of CAI laterals \$ 24,364,298.00 \$ 2,750,000.00 \$ 5,750,000.00		3U	res	данинаятануе эпрроц	management	
Configuration Coordination Travel Yes 7500 1 S 7,500 Coordinate the deployment of CAI S 27,500.00 Coordinate the deployment of CAI CAI S 27,500.00 COORDINATE CAI	\$ 7,500 00 coordinate the deployment of CAI laterals \$ 27,500.00	Sub-total	_				
Configuration Coordination Sub-total S 27,590.00 Coordinate the deployment of CAI	\$ 7,500.00 \$ 27,500.00 \$ 24,364,298.00 \$ 2,750,000.00 \$ 750,000.00	1					
Coordination Sub-total S	\$ 24,364,298.00 \$ 2,750,000.00 \$ 2,750,000.00	1	7500	Yes	Travel		
ADSS Fiber (All Counts) Yes 2750000 1 \$ 2,750,000.00	\$ 2.750,000.00	Sub-total				Coordination	
ADSS Fiber (All Counts) Yes 2750000 1 \$ 2,750,000.00	\$ 2,750,000.00					SUB-TOTAL	
Project Might Project Management Project Mana	\$ 750,000,00	1	2750000	Yes	ADSS Fiber (All Counts)		
US Materials Yes 150000 1 \$ 150,000 00							
Aggregation EdgeSwitches for RAN Hubs Yes 75000 1 \$ 75,000 00						OSP	
Aggregation EdgeSwitches for RAN Hubs Yes 75000 1 \$ 75,000 00			130000	162	OO HIBIEIIBIS		
Switching Core, Edge and CPE Mgmt System Yes 263000 1 \$ 263,000.00 Agregation Edge Switching Yes 500000 1 \$ 500,000.00 Anticipated cost based on quotation Sub-total \$ 3,338,000.00 Anticipated cost based on quotation Sub-total \$ 3,338,000.00 Anticipated cost based on quotation Sub-total \$ 150,000.00 Anticipated cost based on quotation Sub-total \$ 100,000.00 Sub-total \$ 100		Sup-total					
Switching		1					
Access		1		Yes			
ACCESS Sub-total S 2,500,000,00 Sub-total S 3,338,000,00	\$ 500,000 00 Anticipated cost based on quotation.	1	500000	Yes	Aggregation Edge Switching	Switching	
Access Ethernet Switches - Anchor Institutions Yes 150000 1 \$ 150,000,00							
Access					7.7.7.5		
Access Ethernet Switches - RAN Yes 200000 1 \$ 200.000 00			150000		Ethernet Switches - Acchor localitations		
All Backup Power and Matenals Yes 100000 1 \$ 100,000 00						7	
All Backup Power and Materials Yes 100000 1 \$ 100,000 00						Access	
Microwave	\$ 100,000 00		100000	Yes	All Backup Power and Matenals		
System		Sub-total					
10. Equipment Project Mgmt Project Management Yes 435489 1 \$ 435,469.00 Anticipated cost based on quotation	Appropriate and based on qualities				200		
10. Equipment Project Mgmt Project Management Yes 435489 1 \$ 435,469.00 Anticipated cost based on quotation	\$ 1,031,103 00 Annicipated cost based on quotation.	1	1031103	Yes	Microwave Equipment (Materials & Spares	System	
HVAC Yes 402000 1 \$ 402.000 00 UPS Yes 115000 1 \$ 115,000 00 Materials Yes 400000 1 \$ 400,000,00 VM SAN Yes 425,000 1 \$ 425,000 00 Generator & Infrastructure Yes 333000 1 \$ 333,000,00 Estimated cost based on analysis of the control of the cost based on analysis of the cost	\$ 435,469.00 Anticipated cost based on quotation	1					10. Equipment
UPS Yes 115000 1 \$ 115,000 00						, ,	2
Materials Yes 400000 1 \$ 400,000,000							
VM SAN Yes 425000 1 \$ 425,000 00							
Center Generator & Infrastructure Yes 333000 1 \$ 333.000.00 Estimated cost based on analysis of the control of							
						Colocation	
The second secon						Center	
Renovation In row cabs Yes 3472 36 S 124,992,00 consultation with experts in this fei	\$ 124,992.00 consultation with experts in this feid	36	3472	Yes	In row cabs	1000	
Equipment Yes 410000 1 \$ 410,000.00	\$ 410,000.00	1			Equipment	renovation	
Electrical Infrastructure Yes 178000 1 \$ 178,000 00			178000				
Other S		'+	.,,0000	103			
		Cork cores			Onici		
Sub-total \$ 2,387,992.00					E and the state of	-	
Furniture for three offices and meeting rm Yes 23000 1 \$ 23,000 00 Actual and estimated cost of equip						000 5	
Computer, Phone Printing equipment Yes 21,000 to 321,000 to 320,000 to 320,00	\$ 21,000 00 required to execute the grant and complete		21000	Yes	Computer, Phone, Printing equipment		
Furniture Other S required to execute the grant and to	required to execute the grant and complete	1			Other	Furniture	
SUB-TOTAL S1336,564.00					-	SUB-TOTAL	
		Sub-total			_	JOD: IOIAL	3300A 5066AVE 1000
		Sub-total				CHP TOTAL	11. Miscellaneous
	S -	Sub-total	_				
7 10 10 1,555.55	\$ - \$ -	Sub-total				30B-TOTAL	CUR YOTAL
	\$ - \$ - \$ 40,161,393.00	Sub-total				JUB-TUTAL	SUB-TOTAL
TOTAL \$ 40.161.393.00	\$ - \$ -	Sub-total				JUB-TUTAL	Contingencies

Dat Malthe CEO DOW Cape Corporation