Base Option w/Redundancy					
Calculated Cost Averages					**Comments**
per OSP upgrade	$13,900.00				SM fiber to MDF
per cable rewire	$275.00				includes closet hardware/cabling/faceplate & jack
per 2950 TX port	$147.00				includes uplink costs
	Storrs & Depot		**Regional Sites**		
Total # of current data jacks	46106		6656		
Estimate # of current voice jacks	17520		2529		based on a voice to data ratio of 38%
Total # of projected data jacks	53960		8568		based on 10-50% growth in admin & 10% growth in residential
Total # of projected voice jacks	20504		3255		
Projected data jack growth total	7854		1912		to meet current UITS standards
Projected voice jack growth total	2984		726		to meet current UITS standards
Data jacks to be upgraded/new	37770		7080		based on projected totals minus existing compliant cabling
Voice jacks to be upgraded/new	14352		2689		based on projected totals minus existing compliant cabling
Data ports to be upgraded/new	31970		5368		based on projected totals minus existing equipment
Total # of buildings to be upgraded to SM (OSP)	89		10		
Equipment Costs					
Edge port upgrades	$4,699,590.00		$789,096.00		
Core & distribution upgrades	$1,620,000.00		$389,000.00		c6500s, c3350, GBICs and fiber
Internet/CEN/Network Management & tools	$450,000.00		$0.00		
Environmentals (UPSs & RPSs)	$450,000.00		$125,000.00		for core, distribution and aggregate sites only
Wireless Technology Costs					
Design & equipment	$1,500,000.00		$250,000.00		based on coverage for general/common areas (inside & outside)
Installation & mounting	$1,500,000.00		$250,000.00		based on $1000/access point and $1000/ap for jack,mounting and installation
Building Infrastructure Costs					
Wiring & ISP upgrades	$14,333,550.00		$2,686,475.00		
OSP/fiber upgrades	$1,237,100.00		$139,000.00		
Closet Construction	$4,620,000.00		$560,000.00		based on $20,000 per closet
Storrs Campus Infrastructure Costs					
Tunnel tie-in for core sites	$1,500,000.00				HBL, MSB, New Chem & Gampel connectivity into main utility tunnel system
Fiber additions between core/distribution sites	$1,000,000.00				
External Services Costs					
Design Consulting	$2,700,000.00		$330,000.00		based on $15,000 per building
Project Management	$1,350,000.00		$165,000.00		based on $7,500 per building
Sub-totals	**$36,960,240.00**		**$5,683,571.00**		
GRAND TOTAL	**$42,643,811.00**				