

Expense Forecast

CCS Co-location

Title	Description	FY 05	FY 06	FY 06	FY 07	FY 08	FY 09	Year by Year Increase		
		Projection	Projection ('06 Rech Prpsl.)	Current Projection 1/2/06	Projection	Projection	Projection			
Personnel										
Staff & Benefits										
	Data Center Services Manager		Data Center Service Manager	\$ 75,709.03	\$ 77,980	\$ 77,980	\$ 80,320	\$ 82,729	\$ 85,211	3%
	Hardware Technician		Data Center Hardware Technician	\$ 62,152.56	\$ 64,017	\$ 64,017	\$ 65,938	\$ 67,916	\$ 69,953	3%
	Facilities Manager (100)		Facilities Manager	\$ -	\$ 95,520	\$ 95,520	\$ 98,386	\$ 101,337	\$ 104,377	3%
Staff Subsidy										
	Core Funding Subsidy (staff)			\$ (103,396.19)	\$ (103,396.19)	\$ (103,396.19)	\$ (103,396.19)	\$ (103,396.19)	\$ (103,396.19)	0%
	Core Funding Subsidy (S&E)		Supplies, workstation allowance, communications	\$ (3,885)	\$ (3,885)	\$ (3,885)	\$ (3,885)	\$ (3,885)	\$ (3,885)	0%
Non Personnel										
Hardware										
	New Hardware Purchases									
	Hardware Depreciation									
	Hardware Support and Maintenance									
	Other									
Software										
	New Software License Purchases									
	Software License Depreciation									
	Software Support and Maintenance									
	Other									
Services										
	Externally Supplied e.g.									
	Staff Augmentation									
	Misc Services									
	Data Power Monitoring Corporation (BTECH)		Automated Battery Testing and Monitoring	\$ 2,400	\$ 2,544	\$ 2,400	\$ 2,697	\$ 2,858	\$ 3,030	6%
	Mainframe Computer Environment via FS		Data Center Yearly Underfloor Cleaning	\$ -	\$ 6,500	\$ 6,500	\$ 6,890	\$ 7,303	\$ 7,742	6%
	OOB Management Network (Serial Console & KVM)		Out of band Management Network	\$ -	\$ 65,000	\$ 50,000	\$ 180,000	\$ 100,000	\$ 100,000	
	PP&CS Preventative Maintenance			\$ -	\$ -	\$ 35,997				
	PP&CS Stationary Engineers		PM for fans and pumps	\$ -	\$ 4,500	\$ -	\$ 4,770	\$ 5,056	\$ 5,360	6%
	PP&CS HVAC - Vendor		Vendor PM for air conditioning system	\$ -	\$ 10,500	\$ -	\$ 11,130	\$ 11,798	\$ 12,506	6%
	PP&CS Electrical - Internal		PP&CS PM and testing for electrical system	\$ -	\$ 17,000	\$ -	\$ 18,020	\$ 19,101	\$ 20,247	6%
	PP&CS Electrical - Vendor		Vendor PM and testing for electrical system	\$ -	\$ 24,000	\$ -	\$ 25,440	\$ 26,968	\$ 28,584	6%
	PP&CS Machinists		PM and testing for generator and fuel filtration	\$ -	\$ 5,500	\$ -	\$ 5,830	\$ 6,180	\$ 6,551	6%
	PP&CS Fire Prevention Services		PM and testing for pre-action and FM200 systems	\$ -	\$ 8,500	\$ -	\$ 9,010	\$ 9,551	\$ 10,124	6%
	PP&CS Janitorial		Quarterly Data Center Cleaning	\$ 5,000	\$ 10,000	\$ 10,000	\$ 10,600	\$ 11,236	\$ 11,910	6%
	UCPD		Facility Security Services	\$ -	\$ 100,000	\$ 20,000	\$ 106,000	\$ 112,360	\$ 119,102	6%
	IGS via FS		Earthquake Bracing	\$ -	\$ 5,000	\$ 2,500	\$ 5,300	\$ 5,618	\$ 5,955	6%
	Scada Alarm		Physical Plant Facilities Notification	\$ -	\$ 1,000	\$ 250	\$ 1,060	\$ 1,124	\$ 1,191	6%
	Comcast		gigE, dark fiber	\$ 26,500	\$ 28,090	\$ 28,090	\$ 29,775	\$ 31,562	\$ 33,456	6%
	CNS		Telephone Lines for Data Center	\$ 1,000	\$ 1,060	\$ 1,060	\$ 1,124	\$ 1,191	\$ 1,262	6%
	PP&CS Electrical		Electricity for Data Center	\$ -	\$ -	\$ 24,000.00	\$ -	\$ -	\$ -	6%
	Modis		Contract DCManager	\$ -	\$ -	\$ 85,000.00	\$ -	\$ -	\$ -	
	Internally (CCS) Supplied									
	CCS-BO Administration			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	based on capacity growth
	CCS-OSSG Service Desk			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	based on capacity growth
Projects										
	R&D Projects									
	Service Improvement Projects (Proposed)									
	Hardware Database Upgrade and Support (ASD - or equivalent)		Record Keeping Tools	\$ -	\$ 50,000	\$ -	\$ 10,000	\$ 10,500	\$ 11,025	10%
	Barcoding and Hardware Inventory Tool		Record Keeping Tools	\$ -	\$ -	\$ 7,500	\$ -	\$ -	\$ -	
	Soft Cabling		Network Provisioning Tools	\$ -	\$ 90,000	\$ -	\$ 20,000	\$ 21,000	\$ 22,050	5%
	Web-based Liebert Site Scan		Facility Monitoring and Notification	\$ -	\$ 10,000	\$ 7,000	\$ 1,000	\$ 1,060	\$ 1,124	6%
	Security Cameras & Recording		Co-location Security Monitoring	\$ -	\$ 30,000	\$ 25,000	\$ 10,000	\$ 1,000	\$ 1,050	5%
	NOC Monitoring Tools		NOC Monitoring Tools	\$ 7,000	\$ 1,000	\$ 1,000	\$ 1,050	\$ 8,000	\$ 1,000	5%
	Cubes		Cubes in the Command Center	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	
	Data Center Monitoring Tools		Relocate tools into the data center	\$ -	\$ -	\$ 4,000	\$ -	\$ -	\$ -	
	Clear Floor Tiles		Clear tiles to display underfloor cooling and electric	\$ -	\$ -	\$ 4,000	\$ -	\$ -	\$ -	
	Security Enhancements		Physical Security	\$ -	\$ 10,000	\$ 4,000	\$ 1,000	\$ 1,100	\$ 1,210	10%
Capacity Improvement										
Other										
	Other depreciation									
	Capital Leases									
	Travel / Training									
	UC Networking w/in other campuses			\$ 4,000	\$ 4,200	\$ 4,200	\$ 4,410	\$ 4,631	\$ 4,862	5%
	Training - SCADA system (DC and SD personnel)		Sitescan and facility monitoring training	\$ -	\$ -	\$ 4,000	\$ -	\$ -	\$ -	
	Training - Misc			\$ -	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,205	\$ 2,315	5%
	Training - Infrastructure Management / Electrical		Scott Stuart	\$ -	\$ 2,000	\$ 2,000	\$ 2,100	\$ 2,205	\$ 2,315	5%
Supplies & Equipment										
	Staff Supplies and Equipment									
	All Staff S&E		Supplies, workstation allowance, communications	\$ 5,180	\$ 8,140	\$ 8,140	\$ 8,547	\$ 8,974	\$ 9,423	5%
Supplies										
	Liebert		Critical Spare Parts (UPS)	\$ -	\$ 7,200	\$ -	\$ 500	\$ 530	\$ 562	6%
	Liebert		Critical Spare Parts (Static Transfer Switch)	\$ -	\$ 5,200	\$ -	\$ 500	\$ 500	\$ 500	
	Coffee and Water Contracts		Coffee and Water Contracts	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	
	First Aid & Safety Supplies		First Aid & Safety Supplies	\$ -	\$ -	\$ 800	\$ -	\$ -	\$ -	
	Specific Data Center Supplies		Pallet Jack, Equipment Lift, Strapping kit, electrical	\$ -	\$ -	\$ 2,500	\$ -	\$ -	\$ -	
	Miscellaneous Data Center Supplies		General Data Center Facility Supplies	\$ 5,000	\$ 15,000	\$ 12,000	\$ 15,900	\$ 16,854	\$ 17,865	6%
Adjustments										
	Non-Personnel Subsidy (enter as a negative figure)									
	Previous Permanent Funding level		Previous permanent funding level	\$ (55,240)	\$ (55,240)	\$ (55,240)	\$ (55,240)	\$ (55,240)	\$ (55,240)	0%
	Other			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
	Deficit recovery or surplus (enter as a negative figure)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
	Deficit Recovery		Expected Deficit	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	\$ N/A	N
	Total Other Adjustments			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
TOTALS				\$ 31,420	\$ 598,930	\$ 469,433	\$ 576,874	\$ 519,924	\$ 539,340	