CONNECTICUT LIGHT & POWER
CAPITAL AUTHORIZATION ANALYSIS

Project CD02059 Man to Auto [redacted] Middletown

Line		Latest Approved	Project Actuals	Variance
1	Direct Costs	150,000	170,007	20,007
2	Indirect Costs	127,900	134,990	7,090
3	Total Project Costs	$ 277,900	$ 304,997	$ 27,097

funding project	CD02059				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	202601	80460078	(blank)	0	$6,431.80
			AFUDC	0	$335.75
		80460078 Total		0	$6,767.55
	202601 Total			0	$6,767.55
	202603	80460078	(blank)	0	$6,865.59
			AFUDC	0	$837.26
		80460078 Total		0	$7,702.85
		80472721	(blank)	0	$60.59
			AFUDC	0	$40.00
		80472721 Total		0	$100.59
	202603 Total			0	$7,803.44
	202602	80460078	(blank)	0	$25,415.56
			AFUDC	0	$733.59
		80460078 Total		0	$26,149.15
		80472721	(blank)	0	$7,778.43
			AFUDC	0	$19.94
		80472721 Total		0	$7,798.37
	202602 Total			0	$33,947.52
	202604	80460078	(blank)	0	$63,119.10
			AFUDC	0	$1,088.04
		80460078 Total		0	$64,207.14
		80472721	AFUDC	0	$40.12
		80472721 Total		0	$40.12
	202604 Total			0	$64,247.26
	202605	80460078	(blank)	0	$12,831.53
			AFUDC	0	$676.01
		80460078 Total		0	$13,507.54
		80472721	(blank)	0	$0.06
			AFUDC	0	$40.13
		80472721 Total		0	$40.19
	202605 Total			0	$13,547.73
	202607	80460078	(blank)	0	-$5,249.65
		80460078 Total		0	-$5,249.65
	202607 Total			0	-$5,249.65
	202608	80460078	(blank)	0	$387.57
		80460078 Total		0	$387.57
	202608 Total			0	$387.57
	202606	80460078	(blank)	0	$16,268.10
			AFUDC	0	$725.37
		80460078 Total		0	$16,993.47
		80472721	(blank)	0	-$7,839.08
			AFUDC	0	-$140.19
		80472721 Total		0	-$7,979.27
	202606 Total			0	$9,014.20
	202411	80460078	(blank)	0	$0.79
		80460078 Total		0	$0.79
	202411 Total			0	$0.79

funding project	CD02059				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Indirect/Overheads	**202403**	80460078	(blank)	0	$1,367.06
			AFUDC	0	$23.24
		80460078 Total		0	$1,390.30
	202403 Total			**0**	**$1,390.30**
	202404	80460078	AFUDC	0	$46.49
		80460078 Total		0	$46.49
	202404 Total			**0**	**$46.49**
	202410	80460078	(blank)	0	-$0.79
		80460078 Total		0	-$0.79
	202410 Total			**0**	**-$0.79**
	202408	80460078	AFUDC	0	$8.84
		80460078 Total		0	$8.84
	202408 Total			**0**	**$8.84**
	202405	80460078	AFUDC	0	$46.49
		80460078 Total		0	$46.49
	202405 Total			**0**	**$46.49**
	202407	80460078	(blank)	0	$999.57
			AFUDC	0	$27.99
		80460078 Total		0	$1,027.56
	202407 Total			**0**	**$1,027.56**
	202409	80460078	(blank)	0	$1,989.90
			AFUDC	0	$14.47
		80460078 Total		0	$2,004.37
	202409 Total			**0**	**$2,004.37**
Indirect/Overheads Total				**0**	**$134,989.67**
Material	**202601**	80460078	SWITCH,ETHERNET, MODULAR MANAGED, WITH MULTIMODE FIBER PORT,ST CONNECTIONS, DIN RAIL MOUNT	[redacted]	$4,021.49
			SWITCHGEAR,DISTRIBUTION, REMOTE SUPERVISORY, 14 KA SYM,, 15 KV, 600 AMPS, AIR INSULATED, 95 KV, DEAD	[redacted]	$108,121.33
			FUSE, 15/25 KV, End Fitting for use with SMU-20 Fuses and PME Switchgear, OH UG Hardware & accessori	[redacted]	$995.69
			FUSE,POWER, 65 A, K, 34.5 KV, 16 KAIC ASYM, S&C, COOPER TYPE CMUSMU-20	[redacted]	$243.79
			FUSEHOLDER, POWER, END FITTINGS , W/ SILENCER, FOR USE W/ 14.4 KV OR 25 KV SMU-20 FUSE UNIT, TYPE SM	[redacted]	$913.15
			SENSOR,CURRENT, LINE POST, 25 KV, 600A:10V, W/ GROUND STUD, 22.8KV MGY, 2200:1 VOLTAGE RATIO	[redacted]	$1,830.23
		80460078 Total		[redacted]	$116,125.68
	202601 Total			[redacted]	**$116,125.68**
	202603	80460078	FUSE,POWER, 65 A, K, 15 KV, 22400 A ASYM, S&C, COOPER TYPE CMUSMU-20	[redacted]	$1,006.64
		80460078 Total		[redacted]	$1,006.64
	202603 Total			[redacted]	**$1,006.64**
	202602	80460078	CABLE, NETWORK, Cat 5e Shielded Ethernet Patch Cable, w/ Rj45 Connectors, 5 FT	[redacted]	$24.53
			SENSOR,CURRENT, LINE POST, 25 KV, 600A:10V, W/ GROUND STUD, 22.8KV MGY, 2200:1 VOLTAGE RATIO	[redacted]	-$1,830.23
		80460078 Total		0	-$1,805.70
		80472721	CABLE, Communications and Power, Utilinet Series III 5801	[redacted]	$198.91
		80472721 Total		[redacted]	$198.91
	202602 Total			[redacted]	**-$1,606.79**
	202604	80460078	JP MORGAN CHASE BANK	[redacted]	$257.07
			ARRESTER,SURGE, ELBOW, LOADBREAK, 13.2 KV AND 13.8 KV MGY SYSTEM VOLTAGE, 12 KV ARRESTER RATING, 10.	[redacted]	$225.31
			CONNECTOR,ELBOW, LOADBREAK, 15 KV, 200 A, #1 AWG STRANDED, 175 KCMIL, 0.705-0.765 IN CABLE DIA, AL	[redacted]	$178.73
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A	[redacted]	$486.25
			BUSHING,ELECTRICAL, LOADBREAK CONNECTOR, 15 KV, 200 A	[redacted]	$152.86

funding project	CD02059				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Material	**202604**	80460078	CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG, 250 KCMIL COMPACT ROUND, 15/25/30/35 KV, 600 A, CONDUCTOR:	[redacted]	-$15.78
			PLUG,STANDOFF, FEED-THRU, 15 KV, 2 POSITION, FOR LOAD BREAK ELBOW CONNECTOR		$710.72
			CONNECTOR,COMPRESSION, TERMINAL, 1/0 AWG KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		$134.59
			SPLICE,ELECTRICAL, COLD SHRINK, MIN INSULATION DIA 0.69 IN, MAX JACKET DIA 1.5 IN, STRAIGHT, 25 KV,		$2,770.43
			CONNECTOR,TEE, 15 KV/25 KV, 600 A, DEADBREAK W/STUD, COLD SHRINK		$281.81
			PLUG,ELECTRICAL, 15 KV		$1,316.11
			CABLE, BARE, 2/0 AWG, 7 STR, 50 LB COIL, 500 FT LG, HARD DRAWN CU		$96.37
			CLEANER, FLIP TOP, 1 QT, FOR REMOVING SEMICON PARTICLES FROM HV CABLE		$25.10
			PAD, two (2) 68 x 17 Slots, 93 IN LG, 84 IN W, 6 IN H, PRECAST CONCRETE, W/ 3 PHASE SWITCHGEAR, CO		$869.85
			SPRAYER, TOP, FOR POLYWATER HP CLEANER 1 QT BOTTLE		$4.09
		80460078 Total			$7,493.51
	202604 Total				**$7,493.51**
	202605	80472721	Item 53ME37 -Hex Nut: Std Hex, #8-32 Thread	0	$3.34
		80472721 Total		0	$3.34
	202605 Total			**0**	**$3.34**
	202607	80460078	HAYWOOD ASSOCIATES INCORPORATED	0	$1.26
			RADIO, SIERRA WIRELESS, MOBILE AIRLINK RV55 MODEM	0	$248.49
			4G/3G Multiband Phantom Ant Black NMO	[redacted]	$247.42
			SMA Male Crimp-RG58, 58A, 58C, 141, 141		$13.81
			MFG Part No.-36856: FUSE HOLDER, ATC ,16GA/25pack		$28.88
			Mfg Part: 25SWBOX - Split Lock Silicon Bronze Washer		$6.38
			Mfg Part: 36856-FUSE HOLDER, ATC ,16GA/25pack		$32.39
			Mfg Part: GWF03HB10 - Galvanized Flat Washers, 10 Per Pack		$5.96
		80460078 Total			$584.59
	202607 Total				**$584.59**
	202608	80460078	TESSCO TECHNOLOGIES INC		$105.95
			PADLOCK, 1-1/2 IN, BRASS, FOR SUBSTATION CL&P, ORDER KEYS SEPARATELY, MUST BE KEYED ALIKE FOR KEY #		$188.00
			CABLE, Communications and Power, Utilinet Series III 5801		$96.00
		80460078 Total			$389.95
	202608 Total				**$389.95**
	202606	80460078	CABLE, Communications and Power, Utilinet Series III 5801		$221.01
			Item 53ME37 -Hex Nut: Std Hex, #8-32 Thread	0	$3.71
			Airlink AC-12 VDC Power Supply for GX, ES, LS, and RV Modems.	[redacted]	$58.32
			RV55 - No DIN Rail		$918.73
			CONNECTOR, 15 KV/25 KV, 600 A, DEADBREAK W/STUD, COLD SHRINK		$1,296.65
		80460078 Total			$2,498.42
		80472721	CABLE, Communications and Power, Utilinet Series III 5801		-$198.91
			Item 53ME37 -Hex Nut: Std Hex, #8-32 Thread	0	-$3.34
			Airlink AC-12 VDC Power Supply for GX, ES, LS, and RV Modems.	0	$0.00
			RV55 - No DIN Rail	0	$0.00
		80472721 Total		[redacted]	-$202.25
	202606 Total				**$2,296.17**
	202403	80460078	PLUG,DEADEND, 15 OR 25 KV, 600 A, W/ TEST POINT & SHIELDING CAP		$176.40
			ARRESTER,SURGE, ELBOW, LOADBREAK, 13.2 KV AND 13.8 KV MGY SYSTEM VOLTAGE, 12 KV ARRESTER RATING, 10.		$510.55
			CONNECTOR,ELBOW, LOADBREAK, 15 KV, 200 A, #1 AWG STRANDED, 175 KCMIL, 0.705-0.765 IN CABLE DIA, AL		$438.49
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A		$405.86
			BUSHING,ELECTRICAL, LOADBREAK CONNECTOR, 15 KV, 200 A		$495.81

funding project	CD02059				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Material	**202403**	80460078	PLUG,STANDOFF, FEED-THRU, 15 KV, 2 POSITION, FOR LOAD BREAK ELBOW CONNECTOR	[redacted]	$793.04
			CONNECTOR,TEE, 15 KV/25 KV, 600 A, DEADBREAK W/STUD, COLD SHRINK		$1,067.73
			PLUG,TERMINAL, 15/25 KV, 600 A, W/O STUD, FOR UNIVERSAL WELL, THIS REPLACES CAT ID # 179802		$859.38
			CONNECTOR,COMPRESSION, GROUND, C-TAP, 3/0-250 KCMIL, #6 SOLID - 2/0 STRANDED, CABLE TO CABLE		$18.29
			ANCHOR,CONCRETE, EXPANSION, KWIK BOLT II, 5/8 IN , 6 IN LG, 304 SS, ORDER IN BXS, 15 PER BOX		$25.55
			FUSE, 15/25 KV, End Fitting for use with SMU-20 Fuses and PME Switchgear, OH UG Hardware & accessori		$894.28
			FUSE,POWER, 65 A, K, 34.5 KV, 16 KAIC ASYM, S&C, COOPER TYPE CMUSMU-20		$243.79
			FUSEHOLDER, POWER, END FITTINGS , W/ SILENCER, FOR USE W/ 14.4 KV OR 25 KV SMU-20 FUSE UNIT, TYPE SM		$906.73
		80460078 Total			$6,835.90
	202403 Total				**$6,835.90**
	202407	80460078	PLUG,DEADEND, 15 OR 25 KV, 600 A, W/ TEST POINT & SHIELDING CAP		-$179.65
			ARRESTER,SURGE, ELBOW, LOADBREAK, 13.2 KV AND 13.8 KV MGY SYSTEM VOLTAGE, 12 KV ARRESTER RATING, 10.		-$515.13
			CONNECTOR,ELBOW, LOADBREAK, 15 KV, 200 A, #1 AWG STRANDED, 175 KCMIL, 0.705-0.765 IN CABLE DIA, AL		-$453.73
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A		-$403.44
			BUSHING,ELECTRICAL, LOADBREAK CONNECTOR, 15 KV, 200 A		-$556.92
			PLUG,STANDOFF, FEED-THRU, 15 KV, 2 POSITION, FOR LOAD BREAK ELBOW CONNECTOR		-$796.56
			CONNECTOR,TEE, 15 KV/25 KV, 600 A, DEADBREAK W/STUD, COLD SHRINK		-$1,880.01
			PLUG,TERMINAL, 15/25 KV, 600 A, W/O STUD, FOR UNIVERSAL WELL, THIS REPLACES CAT ID # 179802		-$891.37
			CONNECTOR,COMPRESSION, GROUND, C-TAP, 3/0-250 KCMIL, #6 SOLID - 2/0 STRANDED, CABLE TO CABLE		-$18.29
			ANCHOR,CONCRETE, EXPANSION, KWIK BOLT II, 5/8 IN , 6 IN LG, 304 SS, ORDER IN BXS, 15 PER BOX		-$25.55
			FUSE, 15/25 KV, End Fitting for use with SMU-20 Fuses and PME Switchgear, OH UG Hardware & accessori		-$895.48
			FUSE,POWER, 65 A, K, 34.5 KV, 16 KAIC ASYM, S&C, COOPER TYPE CMUSMU-20		-$243.79
			FUSEHOLDER, POWER, END FITTINGS , W/ SILENCER, FOR USE W/ 14.4 KV OR 25 KV SMU-20 FUSE UNIT, TYPE SM		-$899.50
		80460078 Total			-$7,759.42
	202407 Total				**-$7,759.42**
Material Total					**$125,369.57**
Labor	**202603**	80460078	Internal Labor		$1,324.89
		80460078 Total			$1,324.89
	202603 Total				**$1,324.89**
	202602	80460078	Internal Labor		$10,052.49
		80460078 Total			$10,052.49
		80472721	Internal Labor		$1,929.49
		80472721 Total			$1,929.49
	202602 Total				**$11,981.98**
	202604	80460078	Internal Labor		$23,408.54
		80460078 Total			$23,408.54
	202604 Total				**$23,408.54**
	202605	80460078	Internal Labor		$1,515.42
		80460078 Total			$1,515.42
	202605 Total				**$1,515.42**
	202606	80460078	Internal Labor		$2,028.29
		80460078 Total			$2,028.29
		80472721	Internal Labor		-$1,929.49
		80472721 Total			-$1,929.49
	202606 Total				**$98.80**
Labor Total					**$38,329.63**
Outside Services	**202605**	80460078	Contractor Accrual	0	$6,104.66

funding project	CD02059				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Outside Services	**202605**	80460078 Total		0	$6,104.66
	202605 Total			**0**	**$6,104.66**
	202607	80460078	Contractor Accrual	0	-$3,602.43
		80460078 Total		0	-$3,602.43
	202607 Total			**0**	**-$3,602.43**
	202608	80460078	Contractor Accrual	0	-$6,104.66
			CHARTER OAK UTILITY CONSTRUCTORS INC	0	$6,308.25
		80460078 Total		0	$203.59
	202608 Total			**0**	**$203.59**
	202606	80460078	Contractor Accrual	0	$3,602.43
		80460078 Total		0	$3,602.43
	202606 Total			**0**	**$3,602.43**
Outside Services Total				**0**	**$6,308.25**
Grand Total				**891**	**$304,997.12**