CONNECTICUT LIGHT & POWER
CAPITAL AUTHORIZATION ANALYSIS

Project CS00557 Christian 31C Replace RTU

Line		Latest Approved	Project Actuals	Variance
1	Direct Costs	255,000	240,629	(14,371)
2	Indirect Costs	296,000	297,782	1,782
3	Total Project Costs	$ 551,000	$ 538,411	$ (12,589)

funding project	CS00557				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	202111	80140685	(blank)	0	$187.26
			AFUDC	0	$0.68
		80140685 Total		0	$187.94
	202111 Total			0	$187.94
	202112	80140685	(blank)	0	$406.96
			AFUDC	0	$3.23
		80140685 Total		0	$410.19
	202112 Total			0	$410.19
	202201	80140685	AFUDC	0	$5.04
		80140685 Total		0	$5.04
	202201 Total			0	$5.04
	202202	80140685	(blank)	0	$1,421.90
			AFUDC	0	$11.33
		80140685 Total		0	$1,433.23
	202202 Total			0	$1,433.23
	202203	80140685	(blank)	0	$129.99
			AFUDC	0	$18.16
		80140685 Total		0	$148.15
	202203 Total			0	$148.15
	202204	80140685	AFUDC	0	$18.72
		80140685 Total		0	$18.72
	202204 Total			0	$18.72
	202211	80140685	(blank)	0	$112.61
			AFUDC	0	$19.68
		80140685 Total		0	$132.29
	202211 Total			0	$132.29
	202212	80140685	AFUDC	0	$20.23
		80140685 Total		0	$20.23
	202212 Total			0	$20.23
	202303	80140685	(blank)	0	$56.57
			AFUDC	0	$21.47
		80140685 Total		0	$78.04
	202303 Total			0	$78.04
	202205	80140685	AFUDC	0	$18.72
		80140685 Total		0	$18.72
	202205 Total			0	$18.72
	202301	80140685	AFUDC	0	$20.45
		80140685 Total		0	$20.45
	202301 Total			0	$20.45
	202302	80140685	(blank)	0	$84.61
			AFUDC	0	$20.83
		80140685 Total		0	$105.44
	202302 Total			0	$105.44
	202409	80140685	(blank)	0	$7,335.65
			AFUDC	0	$718.07
		80140685 Total		0	$8,053.72
	202409 Total			0	$8,053.72

funding project	CS00557				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	202410	80140685	(blank)	0	$36,723.35
			AFUDC	0	$922.02
		80140685 Total		0	$37,645.37
	202410 Total			0	$37,645.37
	202412	80140685	(blank)	0	$56,078.45
			AFUDC	0	$2,472.92
		80140685 Total		0	$58,551.37
	202412 Total			0	$58,551.37
	202411	80140685	(blank)	0	$120,935.76
			AFUDC	0	$1,663.48
		80140685 Total		0	$122,599.24
	202411 Total			0	$122,599.24
	202504	80140685	AFUDC	0	$2,654.90
		80140685 Total		0	$2,654.90
	202504 Total			0	$2,654.90
	202304	80140685	(blank)	0	$6,676.38
			AFUDC	0	$52.41
		80140685 Total		0	$6,728.79
	202304 Total			0	$6,728.79
	202305	80140685	(blank)	0	$680.05
			AFUDC	0	$86.18
		80140685 Total		0	$766.23
	202305 Total			0	$766.23
	202310	80140685	(blank)	0	$71.10
			AFUDC	0	$267.68
		80140685 Total		0	$338.78
	202310 Total			0	$338.78
	202311	80140685	(blank)	0	$2,512.22
			AFUDC	0	$288.02
		80140685 Total		0	$2,800.24
	202311 Total			0	$2,800.24
	202312	80140685	(blank)	0	$963.50
			AFUDC	0	$312.17
		80140685 Total		0	$1,275.67
	202312 Total			0	$1,275.67
	202401	80140685	(blank)	0	$831.07
			AFUDC	0	$331.33
		80140685 Total		0	$1,162.40
	202401 Total			0	$1,162.40
	202402	80140685	(blank)	0	$3,447.83
			AFUDC	0	$361.66
		80140685 Total		0	$3,809.49
	202402 Total			0	$3,809.49
	202403	80140685	(blank)	0	$4,859.67
			AFUDC	0	$463.63
		80140685 Total		0	$5,323.30
	202403 Total			0	$5,323.30

funding project	CS00557				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	202404	80140685	AFUDC	0	$542.13
		80140685 Total		0	$542.13
	202404 Total			0	$542.13
	202405	80140685	(blank)	0	$1,633.38
			AFUDC	0	$549.17
		80140685 Total		0	$2,182.55
	202405 Total			0	$2,182.55
	202408	80140685	(blank)	0	$4,509.03
			AFUDC	0	$667.35
		80140685 Total		0	$5,176.38
	202408 Total			0	$5,176.38
	202501	80140685	(blank)	0	$1,678.08
			AFUDC	0	$2,631.70
		80140685 Total		0	$4,309.78
	202501 Total			0	$4,309.78
	202502	80140685	AFUDC	0	$2,638.53
		80140685 Total		0	$2,638.53
	202502 Total			0	$2,638.53
	202503	80140685	(blank)	0	$2,017.54
			AFUDC	0	$2,646.71
		80140685 Total		0	$4,664.25
	202503 Total			0	$4,664.25
	202505	80140685	AFUDC	0	$2,654.90
		80140685 Total		0	$2,654.90
	202505 Total			0	$2,654.90
	202508	80140685	(blank)	0	$1,128.93
			AFUDC	0	$2,731.05
		80140685 Total		0	$3,859.98
	202508 Total			0	$3,859.98
	202509	80140685	(blank)	0	$182.61
			AFUDC	0	$1,368.21
		80140685 Total		0	$1,550.82
	202509 Total			0	$1,550.82
	202512	80140685	(blank)	0	$368.43
			AFUDC	0	$1,203.19
		80140685 Total		0	$1,571.62
	202512 Total			0	$1,571.62
	202306	80140685	(blank)	0	$1,618.42
			AFUDC	0	$98.48
		80140685 Total		0	$1,716.90
	202306 Total			0	$1,716.90
	202307	80140685	(blank)	0	$2,584.28
			AFUDC	0	$136.48
		80140685 Total		0	$2,720.76
	202307 Total			0	$2,720.76
	202308	80140685	(blank)	0	$1,439.33
			AFUDC	0	$182.58

funding project	CS00557				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Indirect/Overheads	**202308**	80140685 Total		0	$1,621.91
	202308 Total			**0**	**$1,621.91**
	202309	80140685	(blank)	0	$2,486.12
			AFUDC	0	$234.40
		80140685 Total		0	$2,720.52
	202309 Total			**0**	**$2,720.52**
	202406	80140685	(blank)	0	$3,833.75
			AFUDC	0	$590.40
		80140685 Total		0	$4,424.15
	202406 Total			**0**	**$4,424.15**
	202407	80140685	(blank)	0	$495.48
			AFUDC	0	$643.84
		80140685 Total		0	$1,139.32
	202407 Total			**0**	**$1,139.32**
Indirect/Overheads Total				**0**	**$297,782.44**
Labor	**202111**	80140685	Internal Labor	[redacted]	$81.74
		80140685 Total		[redacted]	$81.74
	202111 Total			[redacted]	**$81.74**
	202112	80140685	Internal Labor	[redacted]	$257.78
		80140685 Total		[redacted]	$257.78
	202112 Total			[redacted]	**$257.78**
	202202	80140685	Internal Labor	[redacted]	$821.58
		80140685 Total		[redacted]	$821.58
	202202 Total			[redacted]	**$821.58**
	202203	80140685	Internal Labor	[redacted]	$75.00
		80140685 Total		[redacted]	$75.00
	202203 Total			[redacted]	**$75.00**
	202211	80140685	Internal Labor	[redacted]	$90.92
		80140685 Total		[redacted]	$90.92
	202211 Total			[redacted]	**$90.92**
	202303	80140685	Internal Labor	[redacted]	$39.00
		80140685 Total		[redacted]	$39.00
	202303 Total			[redacted]	**$39.00**
	202302	80140685	Internal Labor	[redacted]	$58.50
		80140685 Total		[redacted]	$58.50
	202302 Total			[redacted]	**$58.50**
	202409	80140685	Internal Labor	[redacted]	$3,802.94
		80140685 Total		[redacted]	$3,802.94
	202409 Total			[redacted]	**$3,802.94**
	202410	80140685	Internal Labor	[redacted]	$23,620.89
		80140685 Total		[redacted]	$23,620.89
	202410 Total			[redacted]	**$23,620.89**
	202412	80140685	Internal Labor	[redacted]	$31,959.69
		80140685 Total		[redacted]	$31,959.69
	202412 Total			[redacted]	**$31,959.69**
	202411	80140685	Internal Labor	[redacted]	$82,384.61
		80140685 Total		[redacted]	$82,384.61

funding project	CS00557				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Labor	202411 Total				$82,384.61
	202304	80140685	Internal Labor		$4,630.33
		80140685 Total			$4,630.33
	202304 Total				$4,630.33
	202305	80140685	Internal Labor		$469.35
		80140685 Total			$469.35
	202305 Total				$469.35
	202310	80140685	Internal Labor		$35.43
		80140685 Total			$35.43
	202310 Total				$35.43
	202311	80140685	Internal Labor		$979.46
		80140685 Total			$979.46
	202311 Total				$979.46
	202312	80140685	Internal Labor		$620.03
		80140685 Total			$620.03
	202312 Total				$620.03
	202401	80140685	Internal Labor		$305.42
		80140685 Total			$305.42
	202401 Total				$305.42
	202402	80140685	Internal Labor		$1,699.80
		80140685 Total			$1,699.80
	202402 Total				$1,699.80
	202405	80140685	Internal Labor		$983.85
		80140685 Total			$983.85
	202405 Total				$983.85
	202408	80140685	Internal Labor		$3,049.97
		80140685 Total			$3,049.97
	202408 Total				$3,049.97
	202501	80140685	Internal Labor		$892.14
		80140685 Total			$892.14
	202501 Total				$892.14
	202503	80140685	Internal Labor		$890.58
		80140685 Total			$890.58
	202503 Total				$890.58
	202508	80140685	Internal Labor		$460.36
		80140685 Total			$460.36
	202508 Total				$460.36
	202509	80140685	Internal Labor		$75.40
		80140685 Total			$75.40
	202509 Total				$75.40
	202306	80140685	Internal Labor		$1,110.72
		80140685 Total			$1,110.72
	202306 Total				$1,110.72
	202307	80140685	Internal Labor		$518.53
		80140685 Total			$518.53
	202307 Total				$518.53
	202406	80140685	Internal Labor		$310.22

funding project	CS00557				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Labor	202406	80140685 Total			$310.22
	202406 Total				$310.22
	202407	80140685	Internal Labor		$167.21
		80140685 Total			$167.21
	202407 Total				$167.21
Labor Total					$160,391.45
Material	202410	80140685	BUSHING,ELECTRICAL, CONDUIT, 3 IN, INSULATED, PLASTIC/BAKELITE, W/ SCREWS ON STEEL, IMC		$4.89
			LOCKNUT, CONDUIT, 3 IN, METAL		$39.94
			CONDUIT,ELECTRICAL, RIGID, TYPE: TBE, 3 IN DIA, 10 FT LG, AL, ANSI C80.5-1977, SCH 40, W/ 1 COUPLING		$515.18
			GASKET,SEALING, SOLID COVER, 2-1/2 IN TO 3 IN, NEOPRENE		$57.04
			BODY,CONDUIT, TYPE: LB, 3 IN, AL		$1,600.26
			PAINT,COLD GALVANIZING, AEROSOL, 16 OZ, CAN		$22.39
			BUSHING,ELECTRICAL, CONDUIT, TYPE IB, RIGID/IMC, INSULATED, POLYPROPYLENE		$3.50
			BASE,SOCKET, 12 PIN PANEL MOUNT , W/ REMOVABLE SCREWS, P/N: 27390		$24.61
			CABLE, 100ft lg, RS485 MALE TO 2-wire twisted pair		$237.17
			CHANNEL, SLOTTED, SUPERSTRUT, 1-5/8 X 1-5/8 IN, 10 FT LG, 12 GA STEEL, GALV		$45.44
			CHANNEL, SLOTTED, SUPERSTRUT, 13/16 X 1-5/8 IN, 10 FT LG, 12 GA STEEL, GALV		$22.08
			COVER,CONDUIT BODY, DOMED TOP, 3 IN, AL, TYPE 889		$99.41
			STRAP,PIPE, 3 IN, 12 GA STEEL, W/ 2 HOLES, FOR CONDUIT STANDOFF BRACKET CSO		$95.33
			WIPES, DISINFECTING, ALCOHOL FREE		$30.01
		80140685 Total			$2,797.25
	202410 Total				$2,797.25
	202412	80140685	JP MORGAN CHASE BANK		$246.06
		80140685 Total			$246.06
	202412 Total				$246.06
	202411	80140685	JP MORGAN CHASE BANK		$2,567.74
			CABLE,INSULATED, SWBD, #14 AWG, 41 STR, 600 V, 500 FT SPOOLS, YELLOW, XLPE INSULATED		$134.68
			CABLE, INSULATED, SWITCHBOARD, UL TYPE: SIS, # 14 AWG, 600 V, GRAY, CU, 500 FT REELS, Cable		$1,124.00
			WIPES, TERI, 12.5 X 14.4 IN, 1/4 IN FOLD, WHITE		$108.56
			CABLE, INSULATED, CONTROL, 7 TWISTED PAIR, #18 AWG, 7 STR, 600 V, W/ AL MYLAR TAPE, CU DRAIN WIRE, S		$133.01
			RECEPTACLE,ELECTRICAL, STRIP, POWER, 15 A, 12 OUTLETS, W/ 19 IN RACK MOUNT		$57.38
			RELAY, 24-48 V, MFR: STRUTHERS DUNN		$295.55
		80140685 Total			$4,420.92
	202411 Total				$4,420.92
	202403	80140685	CABLE, INSULATED, CONTROL, 2/C, #10 AWG, 1000 V, W/ #18 AWG CU DRAIN WIRE, SHIELDED, XLPE INSULATED,		$393.46
			CABLE, INSULATED, CONTROL, 7/C, #12 AWG, 1000 V, W/ #18 AWG CU DRAIN WIRE, SHIELDED, XLPE INSULATED,		$327.92
			FUSE,POWER, CURRENT LIMITING, 20 A, 250 V		$80.61
			CABLE, INSULATED, CONTROL, 4/C, #12 AWG, 1000 V, W/ #18 AWG CU DRAIN WIRE, SHIELDED, XLPE INSULATED,		$285.21
			FUSEHOLDER, CARTRIDGE, MOLDED, 30 A, 250 V, 2 POLE		$77.97
			SWITCH,TEST, TYPE FT-19R, POSITION A-10P, POSITION B-10P, POSITION C-10P, 3 RACK UNITS, RACK MOUNTED		$684.49
			BLOCK,TERMINAL, MOLDED, 600 V, 12 TERMINAL, WASHER HEAD OR TAP SCREW, BAKELITE/PHENOLIC, W/ WHITE MA		$348.58
			CABLE, INSULATED, CONTROL, 3/C, #18 AWG, 7 STR, 600 V, W/ AL MYLAR TAPE, CU DRAIN WIRE, COLOR CODED,		$48.48
			CABLE, INSULATED, SWITCHBOARD, UL TYPE: SIS, # 14 AWG, 600 V, GRAY, CU, 500 FT REELS, Cable		$140.50
			TERMINAL, LUG, 22-16 AWG, COMPRESSION, #8-10 BOLT, INSULATED, CONNECTOR, MFR: COOPER		$62.82
			TERMINAL, LUG, YELLOW, #12-10 AWG, COMPRESSION, #8-10 BOLT, CU, CONNECTOR, .30 WIDTH		$284.54
			LUG,COMPRESSION, CONNECTOR, 16-14 AWG, 8-10 BOLT SIZE, BLUE, CU, INSULATED		$110.19
			FUSE,DUMMY, SOLID LINK, 250 V, 30 A, CU		$54.59

funding project	CS00557				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Material	202403	80140685	CABLE, INSULATED, CONTROL, 3 TWISTED PAIR, #18 AWG, 7 STR, 600 V, W/ AL MYLAR TAPE, CU DRAIN WIRE, S	[redacted]	$192.28
			FUSE,CARTRIDGE, ONE-TIME, 3 A, 250 V, 50 KA, 9/16 X 2 IN, CLASS K5		$33.26
			CABLE, INSULATED, CONTROL, 7 TWISTED PAIR, #18 AWG, 7 STR, 600 V, W/ AL MYLAR TAPE, CU DRAIN WIRE, S		$53.20
			CABLE,INSULATED, # 14 AWG, 600 V, 39 A, 250 DEG C HIGH TEMP, 500 FT REEL, FIBERGLASS BRAID COMPOSITE		$7.11
			CHASSIS,RELAY, BACKPLANE, 10 SLOT, RACK MOUNT, FOR SEL-2242 AXION		$205.76
			CLOCK, GPS, SEL-2407		$2,058.97
			CONVERTER MODULE, 9-PIN, RS-232 TO RS-485, W/ TRIPLE ISOLATION		$173.02
			COUPLER, POWER, RELAY, 24-48 VDC, SEL-2243 AXION, 2 ETHERCAT PORTS		$369.84
			ENCLOSUREELECTRICAL, WEATHERPROOF, 24 IN W, 24 IN DP, 36 IN HT, WALL MOUNTED, W/ FRONT AND REAR ACCE		$3,355.80
			HEATER,ELECTRIC, DUAL VOLTAGE, 120 TO 240 V, 100 W, 4.5 A, 176 DEG F SURFACE, W/ INTEGRATED THERMOST		$119.10
			METER, MULTIFUNCTION, STANDARD, 0-5 A SIGNAL I/P, 120 VAC, 48/250 VDC, 55/240 VAC, 3 PH, ALPHANUMERI		$2,611.04
			MODULE, ELECTRONIC, OUTPUT, DIGITAL, AXION SEL-2244-3, 16 DIGITAL OUTPUTS, 8-A & 8-B OUTPUTS		$763.35
			PANEL,FUSE, +/- 130 VDC, 10 POS, DUPLEX, GMT		$502.78
			RELAY, 24 VDC/VAC, 24 DI , W/ INPUT MODULE, SEL-2244		$508.90
			RELAY, RTAC, IEC61850, IEC 61850 GOOSE, TWO 100 BASE FX CONNECTOR, FOR AXION, P/N: SEL-2241		$4,169.46
			RELAY,POWER, REAL TIME AUTOMATION CONTROLLER, REMOTE TERMINAL UNIT, HORIZONTAL RACK MOUNT, PN: SEL-3		$6,277.37
		80140685 Total			$24,300.60
	202403 Total				**$24,300.60**
	202501	80140685	JP MORGAN CHASE BANK		$90.39
		80140685 Total			$90.39
	202501 Total				**$90.39**
	202508	80140685	JP MORGAN CHASE BANK		$250.84
		80140685 Total			$250.84
	202508 Total				**$250.84**
	202306	80140685	ACOPIAN TECHNICAL CO		$49.64
			CONVERTER 48C12FT450 48/12VDC		$265.00
			CONVERTER 48C24FT500 48/12VDC		$295.00
			MOUNTING KIT FOR DIN RAIL MOUNTING (HORIZONTAL): NPH35DIN		$30.00
			MOUNTING KIT FOR DIN RAIL MOUNTING (VERTICAL): NPV35DIN		$30.00
			MOUNTING KIT FOR WALL MOUNTING: NP6		$20.00
		80140685 Total			$689.64
	202306 Total				**$689.64**
Material Total					**$32,795.70**
Other	202202	80140685	(blank)		$90.68
		80140685 Total			$90.68
	202202 Total				**$90.68**
	202410	80140685	Meals		$400.00
			(blank)		$8.00
		80140685 Total			$408.00
	202410 Total				**$408.00**
	202412	80140685	Meals		$650.00
		80140685 Total			$650.00
	202412 Total				**$650.00**
	202411	80140685	Meals		$1,660.00
			(blank)	0	$612.96
		80140685 Total		[redacted]	$2,272.96
	202411 Total				**$2,272.96**

funding project	CS00557				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Other	202304	80140685	(blank)	[redacted]	$89.08
		80140685 Total			$89.08
	202304 Total				$89.08
	202503	80140685	(blank)	0	$282.94
		80140685 Total		0	$282.94
	202503 Total			0	$282.94
Other Total				[redacted]	$3,793.66
Outside Services	202601	80140685	CHA CONSULTING INC		$0.00
		80140685 Total			$0.00
	202601 Total				$0.00
	202409	80140685	SPECIALIST STAFFING SOLUTIONS INC	0	$144.28
		80140685 Total		0	$144.28
	202409 Total			0	$144.28
	202410	80140685	SPECIALIST STAFFING SOLUTIONS INC		$937.80
		80140685 Total			$937.80
	202410 Total				$937.80
	202412	80140685	TRC ENGINEERS LLC		$0.00
			CASCADE ENGINEERING CONSULTANTS LLC		$811.18
		80140685 Total			$811.18
	202412 Total				$811.18
	202411	80140685	TRC ENGINEERS LLC	0	$620.01
			CASCADE ENGINEERING CONSULTANTS LLC	0	$324.47
			SPECIALIST STAFFING SOLUTIONS INC		$0.00
		80140685 Total			$944.48
	202411 Total				$944.48
	202310	80140685	AI ENGINEERS INC		$63.86
		80140685 Total			$63.86
	202310 Total				$63.86
	202311	80140685	AI ENGINEERS INC		$3,895.52
		80140685 Total			$3,895.52
	202311 Total				$3,895.52
	202312	80140685	AI ENGINEERS INC		$0.00
		80140685 Total			$0.00
	202312 Total				$0.00
	202401	80140685	AI ENGINEERS INC		$1,404.94
		80140685 Total			$1,404.94
	202401 Total				$1,404.94
	202402	80140685	AI ENGINEERS INC		$3,576.22
		80140685 Total			$3,576.22
	202402 Total				$3,576.22
	202403	80140685	AI ENGINEERS INC		$0.00
		80140685 Total			$0.00
	202403 Total				$0.00
	202408	80140685	AI ENGINEERS INC		$0.00
		80140685 Total			$0.00
	202408 Total				$0.00
	202501	80140685	CASCADE ENGINEERING CONSULTANTS LLC		$0.00

funding project	CS00557				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Outside Services	**202501**	80140685 Total		[redacted]	$0.00
	202501 Total			[redacted]	**$0.00**
	202512	80140685	CHA CONSULTING INC	0	$510.22
		80140685 Total		0	$510.22
	202512 Total			**0**	**$510.22**
	202307	80140685	TRC ENGINEERS LLC	0	$3,962.90
			AI ENGINEERS INC	0	$3,001.46
		80140685 Total		0	$6,964.36
	202307 Total			**0**	**$6,964.36**
	202308	80140685	TRC ENGINEERS LLC	[redacted]	$0.00
			AI ENGINEERS INC	[redacted]	$5,619.76
		80140685 Total		[redacted]	$5,619.76
	202308 Total			[redacted]	**$5,619.76**
	202309	80140685	AI ENGINEERS INC	[redacted]	$9,706.88
		80140685 Total		[redacted]	$9,706.88
	202309 Total			[redacted]	**$9,706.88**
	202406	80140685	AI ENGINEERS INC	0	$8,557.37
		80140685 Total		0	$8,557.37
	202406 Total			**0**	**$8,557.37**
	202407	80140685	AI ENGINEERS INC	[redacted]	$510.89
		80140685 Total		[redacted]	$510.89
	202407 Total			[redacted]	**$510.89**
Outside Services Total				[redacted]	**$43,647.76**
Grand Total				**9,998**	**$538,411.01**