CONNECTICUT LIGHT & POWER
CAPITAL AUTHORIZATION ANALYSIS

Project CD02282 ASML Switchgear Relocation Project

Line		Latest Approved	Project Actuals	Variance
1	Direct Costs	843,900	486,400	(357,500)
2	Indirect Costs	619,700	501,640	(118,060)
3	Total Project Costs	$ 1,463,600	$ 988,040	$ (475,560)

funding project	CD02282				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	202601	81112775	(blank)	0	$4,860.70
		81112775 Total		0	$4,860.70
		82019826	(blank)	0	$0.00
		82019826 Total		0	$0.00
	202601 Total			0	$4,860.70
	202603	81112775	(blank)	0	$13,429.29
		81112775 Total		0	$13,429.29
	202603 Total			0	$13,429.29
	202604	81112775	(blank)	0	$12,807.44
		81112775 Total		0	$12,807.44
	202604 Total			0	$12,807.44
	202605	81112775	(blank)	0	$164,735.59
		81112775 Total		0	$164,735.59
		82019826	(blank)	0	$1.72
		82019826 Total		0	$1.72
	202605 Total			0	$164,737.31
	202607	81112775	(blank)	0	$51,547.01
		81112775 Total		0	$51,547.01
	202607 Total			0	$51,547.01
	202608	81112775	(blank)	0	$1,399.00
		81112775 Total		0	$1,399.00
	202608 Total			0	$1,399.00
	202606	81112775	(blank)	0	$102,586.42
		81112775 Total		0	$102,586.42
		82019826	(blank)	0	-$0.12
		82019826 Total		0	-$0.12
	202606 Total			0	$102,586.30
	202411	82019826	(blank)	0	$24,819.31
		82019826 Total		0	$24,819.31
	202411 Total			0	$24,819.31
	202501	82019826	(blank)	0	$73,615.82
		82019826 Total		0	$73,615.82
	202501 Total			0	$73,615.82
	202410	82019826	(blank)	0	$5,903.65
		82019826 Total		0	$5,903.65
	202410 Total			0	$5,903.65
	202509	81112775	(blank)	0	$606.75
		81112775 Total		0	$606.75
	202509 Total			0	$606.75
	202505	81112775	(blank)	0	$2,680.44
		81112775 Total		0	$2,680.44
	202505 Total			0	$2,680.44
	202506	82019826	(blank)	0	$619.36
		82019826 Total		0	$619.36
	202506 Total			0	$619.36
	202507	81112775	(blank)	0	$5,649.30

funding project	CD02282				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	**202507**	81112775 Total		0	$5,649.30
	202507 Total			**0**	**$5,649.30**
	202409	82019826	(blank)	0	$2,545.51
		82019826 Total		0	$2,545.51
	202409 Total			**0**	**$2,545.51**
	202412	82019826	(blank)	0	$13,891.72
		82019826 Total		0	$13,891.72
	202412 Total			**0**	**$13,891.72**
	202504	82019826	(blank)	0	$529.21
		82019826 Total		0	$529.21
	202504 Total			**0**	**$529.21**
	202502	82019826	(blank)	0	$107.06
		82019826 Total		0	$107.06
	202502 Total			**0**	**$107.06**
	202503	82019826	(blank)	0	$17,965.34
		82019826 Total		0	$17,965.34
	202503 Total			**0**	**$17,965.34**
	202508	82019826	(blank)	0	$1,339.28
		82019826 Total		0	$1,339.28
	202508 Total			**0**	**$1,339.28**
Indirect/Overheads Total				**0**	**$501,639.80**
Material	**202601**	81112775	SWITCHGEAR,DISTRIBUTION, MANUAL, 25 KA SYM, 38 KV, 1-600 A (2) VACUUM SWITCH, SF6 GAS, 150 KV BIL, M	[redacted]	$87,213.52
		81112775 Total			$87,213.52
	202601 Total				**$87,213.52**
	202603	81112775	SWITCHGEAR,DISTRIBUTION, MANUAL, 25 KA SYM, 38 KV, 1-600 A (2) VACUUM SWITCH, SF6 GAS, 150 KV BIL, M		-$87,213.52
			ENCLOSURE, PRIMARY METERING, 35 KV, 35Kv 3 phase, delta padmount primary metering switch gear		$108,927.33
			SWITCHGEAR,DISTRIBUTION, VISTA, COMPANION, 25KA SYM, 38 KV, 150KVBIL, 1-600A SW, 2VAC INTERRUPTERS		$135,173.96
		81112775 Total			$156,887.77
	202603 Total				**$156,887.77**
	202604	81112775	TERMINATOR,CABLE, 500-750, 750, 500, 1.08 - 1.80 IN CABLE DIA, 25/30/35 KV, W/O PIN TAP OR LUG, AL/C		$3,886.41
			CABLE, INSULATED, UG, 3-1/C, 500 KCMIL, 30 KV, EPR INSULATED, PP JACKET, CU, P/O 178236		$37,793.04
			BUSHING,ELECTRICAL, LOADBREAK CONNECTOR, 25 KV, 200 A		$913.21
			CONNECTOR,ELBOW, LOADBREAK, 25 KV, 200 A, #4/0 AWG STRANDED, 260 KCMIL, 1.04-1.31 IN CABLE DIA, AL		$1,747.06
			ARRESTER,SURGE, DISTRIBUTION RISER POLE, METAL OXIDE VARISTOR (MOV), 27 KV, 22 KV MCOV, POLYMER		$285.13
		81112775 Total			$44,624.85
	202604 Total				**$44,624.85**
	202605	81112775	BRACKET,CABLE, TERMINATOR MOUNTED, AL, FOR 0.75 THRU 3.00 IN DIA CABLE		$70.45
			TUBING, HEAT SHRINK, HEAVY WALL, FLAME RETARDANT, 1000 V, 0.70 IN ID, 1.75 IN OD, 48 IN LG, 250-500		$15.89
			CONNECTOR,GROUND, 2/0-250 MCM - 1 CPR CABLE, STRUCTURE TO 3/4 IN FLAT BAR		$618.28
			CONNECTOR,STUD, 2 HOLE NEMA PAD, 600 A, CU BRONZE, FOR SWITCHES AND DISCONNECTS, FINISH: TIN PLATED		$52.59
			CONNECTOR,COMPRESSION, TERMINAL, 500 KCMIL KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		$564.12
			SWITCH,DISTRIBUTION, 900 A, 600 A CONTINUOUS, 40 KA MOM , 35 KV, MANUAL, SIDE BREAK, GANG OPERATED,		$4,557.42
			CONNECTOR,TEE, DEADBREAK, 35 KV, 600 A, W/ STUD		$2,248.99
			ADAPTER,CABLE, STRESS RELIEF, 3/30 KV, 600 A, 500, 1.285-1.395 IN CABLE DIA, CU		$602.00
			ADAPTER,CABLE, STRESS RELIEF, 30/35 KV, 750 STRANDED, 1000 KCMIL KR, 1.665-1.78 IN CABLE DIA, CONDUC	0	$0.00
			BUSHING,INSERT, LOADBREAK ELASTIMOLD, 35 KV, 200 A	0	$0.00

funding project	CD02282				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Material	**202605**	81112775	CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 35 KV, 200 A, INSULATED, FOR ELASTIMOLD INTERFACE	[redacted]	$3,260.24
			PLUG,ELECTRICAL, 35 KV		$4,902.19
			PLUG,STANDOFF, 35 KV, 200 A, FOR LOAD BREAK ELBOW CONNECTOR, SINGLE PLUG		$590.71
		81112775 Total			$17,482.88
	202605 Total				**$17,482.88**
	202607	81112775	JP MORGAN CHASE BANK		$464.93
			FRENCH JR F & M ELECTRIC SUPPLY	0	-$342.46
			SHARAN LOWES #03248	0	-$122.47
		81112775 Total		[redacted]	$0.00
	202607 Total				**$0.00**
	202606	81112775	GRAINGER		$1,215.30
			TERMINATOR,CABLE, 500-750, 750, 500, 1.08 - 1.80 IN CABLE DIA, 25/30/35 KV, W/O PIN TAP OR LUG, AL/C		-$2,235.06
			CABLE, INSULATED, UG, 3-1/C, 500 KCMIL, 30 KV, EPR INSULATED, PP JACKET, CU, P/O 178236		-$9,888.14
			BUSHING,ELECTRICAL, LOADBREAK CONNECTOR, 25 KV, 200 A		-$889.78
			CONNECTOR,ELBOW, LOADBREAK, 25 KV, 200 A, #4/0 AWG STRANDED, 260 KCMIL, 1.04-1.31 IN CABLE DIA, AL		-$1,747.06
			TA-3088-10		$10,114.67
			FRENCH JR F & M ELECTRIC SUPPLY	0	$342.46
			SHARAN LOWES #03248	0	$122.47
		81112775 Total		[redacted]	-$2,965.14
	202606 Total				**-$2,965.14**
	202411	82019826	SPLICE,ELECTRICAL, COLD SHRINK, MIN INSULATION DIA 1.36 IN, MAX JACKET DIA 2.44 IN, STRAIGHT, 15/25/		$6,683.44
			TERMINATOR,CABLE, 500-750, 750, 500, 1.08 - 1.80 IN CABLE DIA, 25/30/35 KV, W/O PIN TAP OR LUG, AL/C		$805.36
			CLAMP,MESSENGER, AERIAL CABLE, CABLE SIZE: 3/8 - 9/16 IN, STEEL, GALV		$96.43
			CABLE, INSULATED, UG, 3-1/C, 500 KCMIL, 30 KV, EPR INSULATED, PP JACKET, CU, P/O 178236		$13,480.46
		82019826 Total			$21,065.69
	202411 Total				**$21,065.69**
	202501	82019826	BRACKET,CABLE, TERMINATOR MOUNTED, AL, FOR 0.75 THRU 3.00 IN DIA CABLE		$116.51
			CONNECTOR,STUD, 2 HOLE NEMA PAD, 600 A, CU BRONZE, FOR SWITCHES AND DISCONNECTS, FINISH: TIN PLATED		$105.00
			TERMINATOR,CABLE, 500-750, 750, 500, 1.08 - 1.80 IN CABLE DIA, 25/30/35 KV, W/O PIN TAP OR LUG, AL/C		$372.89
			SWITCH,DISTRIBUTION, 900 A, 600 A CONTINUOUS, 40 KA MOM , 35 KV, MANUAL, SIDE BREAK, GANG OPERATED,		$4,312.67
			CABLE, INSULATED, AERIAL, 3CT, 500 KCMIL, 37 STR, 35 KV, W/ 19-#9 AWG CPW MESSENGER, EPR INSULATED,		$9,890.89
		82019826 Total			$14,797.96
	202501 Total				**$14,797.96**
	202410	82019826	SWITCH,DISCONNECT, 900 A, 40 KA MOM, 35 KV, 200 KV BIL , 1 PH, AIR, VERTICAL MOUNT, W/ LOADBUSTER HO		$3,212.76
			SPLICE,ELECTRICAL, COLD SHRINK, MIN INSULATION DIA 1.36 IN, MAX JACKET DIA 2.44 IN, STRAIGHT, 15/25/		$6,638.23
			ARRESTER,SURGE, DISTRIBUTION RISER POLE, METAL OXIDE VARISTOR (MOV), 27 KV, 22 KV MCOV, POLYMER		$322.99
		82019826 Total			$10,173.98
	202410 Total				**$10,173.98**
	202507	81112775	POLE, 45 FT LG, CLASS 1, SOUTHREN YELLOW PINE, CCA TREATED		$1,983.01
		81112775 Total			$1,983.01
	202507 Total				**$1,983.01**
	202504	82019826	POLE, 50 FT LG, CLASS 1, SOUTHREN YELLOW PINE, CCA TREATED		$1,103.97
			SWITCH,DISCONNECT, 900 A, 40 KA MOM, 35 KV, 200 KV BIL , 1 PH, AIR, VERTICAL MOUNT, W/ LOADBUSTER HO		-$2,755.48
		82019826 Total			-$1,651.51
	202504 Total				**-$1,651.51**
	202502	82019826	POLE, 50 FT LG, CLASS 1, SOUTHREN YELLOW PINE, CCA TREATED		$551.99

funding project	CD02282				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Material	**202502**	82019826 Total		[redacted]	$551.99
	202502 Total			[redacted]	**$551.99**
Material Total				[redacted]	**$350,165.00**
Labor	**202601**	82019826	Internal Labor	0	$0.00
		82019826 Total		0	$0.00
	202601 Total			**0**	**$0.00**
	202604	81112775	Internal Labor	[redacted]	$2,869.22
		81112775 Total		[redacted]	$2,869.22
	202604 Total			[redacted]	**$2,869.22**
	202605	81112775	Internal Labor	[redacted]	$59,342.15
		81112775 Total		[redacted]	$59,342.15
	202605 Total			[redacted]	**$59,342.15**
	202607	81112775	Internal Labor	[redacted]	$21,975.35
		81112775 Total		[redacted]	$21,975.35
	202607 Total			[redacted]	**$21,975.35**
	202606	81112775	Internal Labor	[redacted]	$35,979.78
		81112775 Total		[redacted]	$35,979.78
	202606 Total			[redacted]	**$35,979.78**
	202411	82019826	Internal Labor	[redacted]	$21,344.45
		82019826 Total		[redacted]	$21,344.45
	202411 Total			[redacted]	**$21,344.45**
	202501	82019826	Internal Labor	[redacted]	$27,121.65
		82019826 Total		[redacted]	$27,121.65
	202501 Total			[redacted]	**$27,121.65**
	202410	82019826	Internal Labor	[redacted]	$131.76
		82019826 Total		[redacted]	$131.76
	202410 Total			[redacted]	**$131.76**
	202505	81112775	Internal Labor	[redacted]	$3,932.45
		81112775 Total		[redacted]	$3,932.45
	202505 Total			[redacted]	**$3,932.45**
	202409	82019826	Internal Labor	[redacted]	$5,380.32
		82019826 Total		[redacted]	$5,380.32
	202409 Total			[redacted]	**$5,380.32**
	202412	82019826	Internal Labor	[redacted]	$1,638.30
		82019826 Total		[redacted]	$1,638.30
	202412 Total			[redacted]	**$1,638.30**
	202502	82019826	Internal Labor	0	$3.50
		82019826 Total		0	$3.50
	202502 Total			**0**	**$3.50**
	202503	82019826	Internal Labor	[redacted]	$6,235.03
		82019826 Total		[redacted]	$6,235.03
	202503 Total			[redacted]	**$6,235.03**
	202508	82019826	Internal Labor	[redacted]	$542.88
		82019826 Total		[redacted]	$542.88
	202508 Total			[redacted]	**$542.88**
Labor Total				[redacted]	**$186,496.84**

funding project	CD02282				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Outside Services	202601	82019826	(blank)	0	$0.00
		82019826 Total		0	$0.00
	202601 Total			0	$0.00
	202602	82019826	(blank)	0	$0.00
		82019826 Total		0	$0.00
	202602 Total			0	$0.00
	202605	81112775	Contractor Accrual	0	$1,994.81
			A J PENNA & SON	0	$2,026.29
		81112775 Total		0	$4,021.10
	202605 Total			0	$4,021.10
	202608	81112775	A J PENNA & SON	0	$949.81
		81112775 Total		0	$949.81
	202608 Total			0	$949.81
	202606	81112775	Contractor Accrual	0	-$1,994.81
			A J PENNA & SON	0	$0.00
		81112775 Total		0	-$1,994.81
	202606 Total			0	-$1,994.81
	202411	82019826	KTI UTILITY CONSTRUCTION & MAINTENANCE LLC	0	$339.81
		82019826 Total		0	$339.81
	202411 Total			0	$339.81
	202410	82019826	KTI UTILITY CONSTRUCTION & MAINTENANCE LLC	0	$10,993.32
		82019826 Total		0	$10,993.32
	202410 Total			0	$10,993.32
	202507	81112775	KTI UTILITY CONSTRUCTION & MAINTENANCE LLC	0	$3,756.37
		81112775 Total		0	$3,756.37
	202507 Total			0	$3,756.37
Outside Services Total				0	$18,065.60
Other	202601	82019826	(blank)	0	$0.00
			Meals	0	$0.00
		82019826 Total		0	$0.00
	202601 Total			0	$0.00
	202605	81112775	Meals	[redacted]	$889.88
		81112775 Total		[redacted]	$889.88
		82019826	Meals	0	$98.18
		82019826 Total		0	$98.18
	202605 Total			[redacted]	$988.06
	202607	81112775	(blank)	[redacted]	$17.50
			Meals	[redacted]	$352.82
		81112775 Total		[redacted]	$370.32
	202607 Total			[redacted]	$370.32
	202606	81112775	Meals	[redacted]	$345.17
		81112775 Total		[redacted]	$345.17
		82019826	Meals	0	-$6.72
		82019826 Total		0	-$6.72
	202606 Total			[redacted]	$338.45
	202411	82019826	Meals	[redacted]	$350.00

funding project	CD02282				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Other	202411	82019826 Total		[redacted]	$350.00
	202411 Total			[redacted]	$350.00
	202501	82019826	Meals	[redacted]	$334.99
		82019826 Total		[redacted]	$334.99
	202501 Total			[redacted]	$334.99
	202410	82019826	(blank)	0	-$71,046.46
		82019826 Total		0	-$71,046.46
	202410 Total			0	-$71,046.46
	202412	82019826	Meals	0	$40.00
		82019826 Total		0	$40.00
	202412 Total			0	$40.00
	202502	82019826	Meals	[redacted]	$207.25
		82019826 Total		[redacted]	$207.25
	202502 Total			[redacted]	$207.25
	202503	82019826	Meals	[redacted]	$90.00
		82019826 Total		[redacted]	$90.00
	202503 Total			[redacted]	$90.00
Other Total				[redacted]	-$68,327.39
Grand Total				3,921	$988,039.85