CONNECTICUT LIGHT & POWER
CAPITAL AUTHORIZATION ANALYSIS

Project CD02588 Replace two PMH-5 with PME-5 Automa

Line		Latest Approved	Project Actuals	Variance
1	Direct Costs	326,000	280,351	(45,649)
2	Indirect Costs	278,500	274,457	(4,043)
3	Total Project Costs	$ 604,500	$ 554,808	$ (49,692)

funding project	CD02588				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	202604	80049139	(blank)	0	$2,722.19
		80049139 Total		0	$2,722.19
	202604 Total			0	$2,722.19
	202410	80049139	(blank)	0	$10,194.04
			AFUDC	0	$413.15
		80049139 Total		0	$10,607.19
	202410 Total			0	$10,607.19
	202506	80049139	(blank)	0	$4,337.82
			AFUDC	0	$1,404.81
		80049139 Total		0	$5,742.63
	202506 Total			0	$5,742.63
	202412	80049139	(blank)	0	$37,121.86
			AFUDC	0	$1,158.52
		80049139 Total		0	$38,280.38
	202412 Total			0	$38,280.38
	202411	80049139	(blank)	0	$31,110.68
			AFUDC	0	$941.88
		80049139 Total		0	$32,052.56
	202411 Total			0	$32,052.56
	202501	80049139	AFUDC	0	$1,213.82
		80049139 Total		0	$1,213.82
	202501 Total			0	$1,213.82
	202502	80049139	AFUDC	0	$1,213.82
		80049139 Total		0	$1,213.82
	202502 Total			0	$1,213.82
	202505	80049139	(blank)	0	$26,038.48
			AFUDC	0	$1,292.95
		80049139 Total		0	$27,331.43
	202505 Total			0	$27,331.43
	202507	80049139	AFUDC	0	$1,465.21
		80049139 Total		0	$1,465.21
	202507 Total			0	$1,465.21
	202508	80049139	(blank)	0	$6,441.96
			AFUDC	0	$1,488.10
		80049139 Total		0	$7,930.06
	202508 Total			0	$7,930.06
	202509	80049139	(blank)	0	$1.81
			AFUDC	0	$1,511.38
		80049139 Total		0	$1,513.19
	202509 Total			0	$1,513.19
	202512	80049139	(blank)	0	$5,184.86
			AFUDC	0	$738.66
		80049139 Total		0	$5,923.52
	202512 Total			0	$5,923.52
	202511	80049139	(blank)	0	-$12,649.31
		80049139 Total		0	-$12,649.31
	202511 Total			0	-$12,649.31

funding project	CD02588				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Indirect/Overheads	**202510**	80049139	(blank)	0	$150,063.65
			AFUDC	0	$1,046.64
		80049139 Total		0	$151,110.29
	202510 Total			**0**	**$151,110.29**
Indirect/Overheads Total				**0**	**$274,456.98**
Labor	**202506**	80049139	Internal Labor	[redacted]	$1,048.46
		80049139 Total		[redacted]	$1,048.46
	202506 Total			[redacted]	**$1,048.46**
	202412	80049139	Internal Labor	[redacted]	$12,235.82
		80049139 Total		[redacted]	$12,235.82
	202412 Total			[redacted]	**$12,235.82**
	202411	80049139	Internal Labor	[redacted]	$12,022.49
		80049139 Total		[redacted]	$12,022.49
	202411 Total			[redacted]	**$12,022.49**
	202505	80049139	Internal Labor	[redacted]	$9,719.93
		80049139 Total		[redacted]	$9,719.93
	202505 Total			[redacted]	**$9,719.93**
	202512	80049139	Internal Labor	0	$37.44
		80049139 Total		0	$37.44
	202512 Total			**0**	**$37.44**
	202511	80049139	Internal Labor	[redacted]	-$1,650.00
		80049139 Total		[redacted]	-$1,650.00
	202511 Total			[redacted]	**-$1,650.00**
	202510	80049139	Internal Labor	[redacted]	$60,265.14
		80049139 Total		[redacted]	$60,265.14
	202510 Total			[redacted]	**$60,265.14**
Labor Total				[redacted]	**$93,679.28**
Material	**202604**	80049139	CABLE, INSULATED, UG, 3-1/C, 250 KCMIL, 15 KV, EPR INSULATED, LLDPE JACKET, CU, 2,500 FT/REEL, Cable	[redacted]	-$47,946.50
		80049139 Total		[redacted]	-$47,946.50
	202604 Total			[redacted]	**-$47,946.50**
	202410	80049139	CABLE, BARE, ANNEALED, 4/0 AWG, 500 FT LG, ANSI/ASTM B8-1986, SOFT DRAWN CU	[redacted]	$1,914.69
			CONNECTOR,ELECTRICAL, TEE, DEADBREAK, 15 OR 25 KV, 600 A, W/ STUD	[redacted]	$1,072.70
			CONNECTOR,ELBOW, LOADBREAK, 15 KV, 200 A, #1 AWG STRANDED, 175 KCMIL, 0.705-0.765 IN CABLE DIA, AL	[redacted]	$980.05
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG, 250 KCMIL COMPACT ROUND, 15/25/30/35 KV, 600 A, CONDUCTOR:	[redacted]	$228.98
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A	[redacted]	$295.12
			BOLT,MACHINE, HEX HEAD, 5/8 IN, 1-1/2 IN LG, AL, W/ 1 BELLEVILLE WASHER AND 1 FLAT WASHER	[redacted]	$78.45
			PLUG,CONNECTING, DEADBREAK, 15/25 KV, 600 A	[redacted]	$700.94
			CABLE, INSULATED, UG, 3-1/C, 250 KCMIL, 15 KV, EPR INSULATED, LLDPE JACKET, CU, 2,500 FT/REEL, Cable	[redacted]	$51,701.56
			ADAPTER,CABLE, STRESS RELIEF, 15-25 KV, 250 CU AT 15 KV, 4/0 AWG CU/AL and 1/0 CU AT 15-25 KV, 0.85-	[redacted]	$480.41
			HOUSING, RECAPTACLE, DEADBREAK, STRAIGHT, 15 OR 25 KV, 600 A	[redacted]	$2,513.17
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 25 KV, 200 A	[redacted]	$661.89
			PLUG,DEADEND, 15 OR 25 KV, 600 A, W/ TEST POINT & SHIELDING CAP	[redacted]	$485.04
			ADAPTER,CABLE, STRESS RELIEF, 15 KV/25 KV, 750 AL, 1000 CU AT 15 KV/ 500 AL AT 25 KV, 1.37-1.63 IN C	[redacted]	$163.69
			CONNECTOR,COMPRESSION, TERMINAL, 1000 KCMIL KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW	[redacted]	$285.99
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW	[redacted]	$402.71
			RING,RETAINING, 600 A, FOR 1000 KCMIL STRANDED CABLE	[redacted]	$282.07
			RING,RETAINING, 15-35 KV, 600 A, FOR 1/0 AND 4/0 AWG CU KR CABLE	[redacted]	$84.46

funding project	CD02588				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Material	**202410**	80049139	SWITCHGEAR,DISTRIBUTION, REMOTE SUPERVISORY, 14 KA SYM, 15 KV, 600 AMPS, AIR INSULATED, 95 KV, DEADF	[redacted]	$114,940.56
		80049139 Total			$177,272.48
	202410 Total				**$177,272.48**
	202506	80049139	CONNECTOR,ELBOW, LOADBREAK, 15 KV, 200 A, #4/0 AWG STRANDED, 175 KCMIL, 0.9-0.96 IN CABLE DIA, AL		$465.38
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A		$148.11
			RECEPTACLE,HOUSING, DEADBREAK, STRAIGHT, 15/25 KV, 600 A, INSULATION RANGE 1.268 - 2.075 IN		$813.34
			PLUG,ELECTRICAL, 15 KV		$1,184.49
			CONNECTOR,TEE, 15 KV/25 KV, 600 A, DEADBREAK W/STUD, COLD SHRINK		$1,521.76
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		$112.40
		80049139 Total			$4,245.48
	202506 Total				**$4,245.48**
	202412	80049139	RECEPTACLE,HOUSING, DEADBREAK, STRAIGHT, 15/25 KV, 600 A, INSULATION RANGE 0.725 - 1.346 IN, COLD SH		$668.93
			CONNECTOR,ELECTRICAL, TEE, DEADBREAK, 15 OR 25 KV, 600 A, W/ STUD		-$865.94
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG, 250 KCMIL COMPACT ROUND, 15/25/30/35 KV, 600 A, CONDUCTOR:		-$114.49
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A		-$144.47
			PLUG,CONNECTING, DEADBREAK, 15/25 KV, 600 A		-$482.53
			SPLICE,ELECTRICAL, TRANSITIONAL/HEAT SHRINK, #4 TO 4/0 STR, STRAIGHT, 15 KV, INSULATED, FOR 3/C PLIC		$978.03
			ADAPTER,CABLE, STRESS RELIEF, 15-25 KV, 250 CU AT 15 KV, 4/0 AWG CU/AL and 1/0 CU AT 15-25 KV, 0.85-		-$330.74
			HOUSING, RECAPTACLE, DEADBREAK, STRAIGHT, 15 OR 25 KV, 600 A		-$2,038.81
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 25 KV, 200 A		-$558.51
			PLUG,DEADEND, 15 OR 25 KV, 600 A, W/ TEST POINT & SHIELDING CAP		-$381.55
			PLUG,ELECTRICAL, 15 KV	0	-$9.70
			ADAPTER,CABLE, STRESS RELIEF, 15 KV/25 KV, 750 AL, 1000 CU AT 15 KV/ 500 AL AT 25 KV, 1.37-1.63 IN C	[redacted]	-$193.22
			CONNECTOR,COMPRESSION, TERMINAL, 1000 KCMIL KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		-$288.36
			CONNECTOR,TEE, 15 KV/25 KV, 600 A, DEADBREAK W/STUD, COLD SHRINK		$863.07
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		-$288.46
			RING,RETAINING, 600 A, FOR 1000 KCMIL STRANDED CABLE		-$195.76
			RING,RETAINING, 15-35 KV, 600 A, FOR 1/0 AND 4/0 AWG CU KR CABLE		-$116.96
		80049139 Total			-$3,499.47
	202412 Total				**-$3,499.47**
	202411	80049139	CABLE, COMMUNICATION, FIBER OPTIC, MULTIMODE, 2 FIBER, 3 MM DUPLEX ZIPCORD OFNR, 100 FT LG, W/ ST-ST		$31.65
			CABLE, NETWORK, Cat 5e Shielded Ethernet Patch Cable, w/ Rj45 Connectors, 5 FT		$17.01
			PLUG,ELECTRICAL, 15 KV		$2,332.92
			SWITCH,ETHERNET, MODULAR MANAGED, WITH MULTIMODE FIBER PORT,ST CONNECTIONS, DIN RAIL MOUNT		$6,933.59
		80049139 Total			$9,315.17
	202411 Total				**$9,315.17**
	202505	80049139	CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A		$148.11
			PLUG,ELECTRICAL, 15 KV		$1,184.49
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		$168.61
			CONNECTOR,ELECTRICAL, LOADBREAK ELBOW, 15 KV, 200 A, 4/0 AWG		$420.96
		80049139 Total			$1,922.17
	202505 Total				**$1,922.17**
	202509	80049139	JP MORGAN CHASE BANK		$181.85
		80049139 Total			$181.85
	202509 Total				**$181.85**
	202512	80049139	CABLE, INSULATED, UG, 3-1/C, #1 AWG, 15 KV, EPR INSULATED, LLDPE JACKET, AL, 2,000FT/REEL		$580.00
		80049139 Total			$580.00

funding project	CD02588				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Material	**202512 Total**				**$580.00**
	202511	80049139	CONNECTOR,ELBOW, LOADBREAK, 15 KV, 200 A, #4/0 AWG STRANDED, 175 KCMIL, 0.9-0.96 IN CABLE DIA, AL		-$517.10
			CAP,ELECTRICAL, INSULATING, DEADEND, LOADBREAK, 15 KV, 200 A		-$168.77
			RECEPTACLE,HOUSING, DEADBREAK, STRAIGHT, 15/25 KV, 600 A, INSULATION RANGE 1.268 - 2.075 IN		-$903.72
			PLUG,ELECTRICAL, 15 KV		-$1,316.11
			CONNECTOR,TEE, 15 KV/25 KV, 600 A, DEADBREAK W/STUD, COLD SHRINK		-$1,690.84
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		-$124.90
		80049139 Total			-$4,721.44
	202511 Total				**-$4,721.44**
	202510	80049139	JP MORGAN CHASE BANK		$93.21
			(blank)	0	$21,242.67
			BRACKET,CABLE, TERMINATOR MOUNTED, AL, FOR 0.75 THRU 3.00 IN DIA CABLE		$167.34
			BUSHING,ELECTRICAL, LOADBREAK CONNECTOR, 15 KV, 200 A		$161.01
			PADLOCK, 1-1/2 IN, BRASS, FOR SUBSTATION CL&P, ORDER KEYS SEPARATELY, MUST BE KEYED ALIKE FOR KEY #		$77.71
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG, 250 KCMIL COMPACT ROUND, 15/25/30/35 KV, 600 A, CONDUCTOR:		$157.13
			CONNECTOR,COMPRESSION, TERMINAL, 4/0 AWG KR, 15/25/30/35 KV, 600 A, CONDUCTOR: CU, FOR ELBOW		-$124.90
			CONNECTOR,ELECTRICAL, LOADBREAK ELBOW, 15 KV, 200 A, 4/0 AWG		$420.95
			FUSE,POWER, STANDARD SPEED, 200 A, E, 14.4 KV, 22400 A ASYM, S&C, COOPER TYPE CMUSMU-20		$839.60
		80049139 Total			$23,034.72
	202510 Total				**$23,034.72**
Material Total					**$160,384.46**
Other	**202511**	80049139	JP MORGAN CHASE BANK		$120.59
			Meals		-$120.00
		80049139 Total			$0.59
	202511 Total				**$0.59**
	202510	80049139	Meals		$620.00
		80049139 Total			$620.00
	202510 Total				**$620.00**
Other Total					**$620.59**
Outside Services	**202601**	80049139	CHARTER OAK UTILITY CONSTRUCTORS INC	0	$0.00
		80049139 Total		0	$0.00
	202601 Total			**0**	**$0.00**
	202506	80049139	BARNHART NORTHEAST INC	0	$5,952.10
		80049139 Total		0	$5,952.10
	202506 Total			**0**	**$5,952.10**
	202507	80049139	BARNHART NORTHEAST INC	0	$0.00
		80049139 Total		0	$0.00
	202507 Total			**0**	**$0.00**
	202508	80049139	CLEAN HARBORS ENV SERVICES INC	0	$4,460.57
		80049139 Total		0	$4,460.57
	202508 Total			**0**	**$4,460.57**
	202512	80049139	CHARTER OAK UTILITY CONSTRUCTORS INC	0	$2,565.03
		80049139 Total		0	$2,565.03
	202512 Total			**0**	**$2,565.03**
	202511	80049139	Contractor Accrual	0	-$6,280.00
			BARNHART NORTHEAST INC	0	$0.00
		80049139 Total		0	-$6,280.00

funding project	CD02588				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Outside Services	**202511 Total**			**0**	**-$6,280.00**
	202510	80049139	Contractor Accrual	0	$6,280.00
			(blank)	0	$1,156.96
			BARNHART NORTHEAST INC	0	$11,532.19
		80049139 Total		0	$18,969.15
	202510 Total			**0**	**$18,969.15**
Outside Services Total				**0**	**$25,666.85**
Grand Total				**1,916**	**$554,808.16**