CONNECTICUT LIGHT & POWER
CAPITAL AUTHORIZATION ANALYSIS

Project CTMTR21 CT Annual Meter Project for 2021

Line		Latest Approved	Project Actuals	Variance
1	Direct Costs	15,683,611	8,206,116	(7,477,495)
2	Indirect Costs	-	3,012,959	3,012,959
3	Total Project Costs	$ 15,683,611	$ 11,219,075	$ (4,464,536)

funding project	CTMTR21				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Indirect/Overheads	**(blank)**	CFICT21A		0	$3,014,574.13
		CFICT21A Total		0	$3,014,574.13
		DMCN21PR		0	$695.39
		DMCN21PR Total		0	$695.39
		DMCN21RT		0	-$2,426.15
		DMCN21RT Total		0	-$2,426.15
		SLATWALL		0	$69.37
			AFUDC	0	$46.00
		SLATWALL Total		0	$115.37
	(blank) Total			**0**	**$3,012,958.74**
Indirect/Overheads Total				**0**	**$3,012,958.74**
Material	**(blank)**	CFICT21A		0	-$51,508.74
			JP MORGAN CHASE BANK	[redacted]	$11,279.19
			GRAYBAR ELECTRIC COMPANY INC		$520.36
			RITZ INSTRUMENT TRANSFORMER		$5,684.29
			GRAINGER		$665.72
			PADLOCK, 1-1/2 IN, BRASS, FOR SUBSTATION CL&P, ORDER KEYS SEPARATELY, SEE D204		$1,166.62
			PADLOCK, 5/8 IN DIA SHACKLE, BRASS CASE, FOR SUBSTATION CL&P		$213.93
			9837-0903		$16,470.00
			C2SOD CT/WM 2S CL 320 BIDIRECTIONAL KWH METER, METER, METER, ELECTRONIC		$16,416.00
			CTNHWM Bridge 5S KWH/kW Demand 30 Minute, METER		$704.00
			METER, Bridge 9S CL20 Bidirectional KWH/KW Demand with KYZ120 - 480V 30 Min		$880.00
			METER, CTNHWM Bridge 9S CL20 Bidirectional KWH/KW Demand 120 - 480V 30 Minute		$704.00
			METER, CTNHWM Bridge 9S CL20 KWH/KW Demand with KYZ 120 - 480V 30 Minute		$880.00
			METER, CTNHWM Bridge 9S CL20 Solar Production 120 - 480V		$704.00
			METER,WATTHOUR, 120-480 V, 3W, CL 320, KV2C METER 12S CL320, 120-480V, R SWITCH, METRUM, S I/O WITH		$2,616.00
			XFMR, INST, 600 V PRIM, 288:120, FOR INDOOR-SWITCH		$91,671.04
			XFMR, INST, CT, 600 V PRIM, 60 HZ, 2000:5		$13,829.76
			XFMR, INST, CT, 600 V PRIM, 60 HZ, 600:5		$37,485.05
			XFMR, INST, TYPE: DCAB, ERCT, RATIO 300:5 A, NB, 0.15 1 INOM TO RF		$12,514.92
			ACLARA TECHNOLOGIES LLC		$1,351.87
			ITRON INC		$129,004.81
			UTILITY POWER SUPPLY CO		$9,014.01
			SUN712300 - RECL BATCH 176 TO DG NOV'21		-$189.00
			2S Cl200, 3W, C2SOD Bridge, Bi-Directional Kwh, METER, METER, 240 V		$2,066,688.00
			35Kv 3 phase, delta padmount primary metering switch gear, ENCLOSURE, PRIMARY METERING, 35 KV		$18,098.00
			9837-0902		$35,750.00
			battery kit		$510.00
			C2SOD WMA 2S CL 320 BIDIRECTIONAL SOLAR PRODUCTION, METER, METER, ELECTRONIC		$383,496.00
			CARD, COMMUNICATION, ION 8650, Option C7		$8,500.00
			-CT/WM Bridge FM5S CL20 120-480V KWH/KW Demand 30-Minute CP3, CL 20, METER, METER, DEMAND, 120-480		$704.00
			-CT/WM Bridge FM5S CL20 120-480V KWH/KW Demand with KYZ 30-Minute CP3, CL 20, METER, METER, DEMAN		$880.00
			-CT/WM Bridge FM9S CL20 120-480V KWH/KW Demand 30-Minute CP3, CL 20, METER, METER, DEMAND, 120-480		$704.00
			E-7881A82G03 ABB Voltage Transformers		$4,990.00
			E-923A433G12 ABB Current transformer 100:5		$5,230.00
			ENCLOSURE, SLIP UNDER COVER, 8 X 8 X 4 IN		$22,437.50
			GROUND SET, FOR INSTRUMENT TRANSFORMER-RATED SERVICES, FOR USE BY METER & SERVICE DEPARTMENT ONLY, O		$2,546.20
			HANCO AIR REGULATOR		$100.00
			HANCO BLADDER GLOVE INFLATOR		$1,947.00
			HANCO INFLATOR PEDESTAL		$303.00

funding project	CTMTR21				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Material	(blank)	CFICT21A	INST, 10 KV, 600:5 ER, LB WITH 14.5 4H BAR, OUTDOOR	[redacted]	$1,849.80
			ION 8650A cell modem meters with SUSI retrofits		$67,688.00
			K442612-010 Misc Replacement Parts		$13,750.00
			METER, 120 - 480 V, CL 320, - CT/WM Bridge FM12S CL320 120-480V KWH CP3, kWh-only, METER		$704.00
			METER, 277 V, 60 HZ, CL 20, ION 8650C, 9S, 277V cl 20 part#S8650C0C0E6S1A7AAA4		$14,830.38
			METER, CT /WM Bridge FM16S CL320 120-480V KWH/KW Bidirectional Demand 30-Minute CP3		$704.00
			METER, CT /WM Bridge FM16S CL320 120-480V KWH/KW Bidirectional Demand with KYZ 30-Minute CP3		$880.00
			METER, CT /WM Bridge FM16S CL320 120-480V KWH/KW Bidirectional Solar Production CP3		$704.00
			METER, CT /WM Bridge FM16S CL320 120-480V KWH/KW Demand with KYZ 30-Minute CP3		$880.00
			METER, CT/WM Bridge FM 12S CL320 120 - 480V KWH/KW Demand 30 Minute CP3		$704.00
			METER, CT/WM Bridge FM 9S CL20 120 - 480V Bidirectional Solar Production CP3		$704.00
			METER, CT/WM Bridge FM 9S CL20 120 - 480V KWH/KW Bidirectional Demand 30-Minute CP3		$704.00
			METER, CT/WM Bridge FM 9S CL20 120 - 480V KWH/KW Bidirectional Demand with KYZ 30-Minute CP3		$880.00
			METER, CT/WM Bridge FM 9S CL20 120 - 480V KWH/KW Demand with KYZ 30-Minute CP3		$880.00
			METER, Ion 8650A, 9		$23,100.81
			METER,DEMAND, BRIDGE, CL320, 120-480 V, 3 PH, CL320, LCD REGISTER, 4W, CL 320, SOCKET MOUNT, 16S, PO		$21,265.38
			METER,DEMAND, BRIDGE, CL320, 120-480 V, 3 PH, LCD REGISTER, 4W, CL 320, SOCKET MOUNT, 16S, POLYCARBO		$112,762.50
			METER,WATTHOUR, 200 A, 120/208 V, FORM: 12S, W/ HIGH POWER AIRPOINT MODULE, BRAND: VISION, MODEL: VN		$200.51
			METER,WATTHOUR, 200 A, 240 V, FORM: 2S, W/ AIRPOINT MODULE, BRAND: VISION, MODEL: V1SR		$183,312.20
			METER,WATTHOUR, 30 A, 120 V, 1 PH, 3 WIRE, CL 200, FORM: 12S, 2 STATOR, W/ 5 X 1 IN LCD DISPLAY, BRA		$128,234.88
			METER,WATTHOUR, 30 A, 240 V, 1 PH, 3 WIRE, FORM: 2S, W/ HIGH POWER ERT, BRAND: CENTRON, MODEL: C4SR		$742,524.00
			METER,WATTHOUR, 320 A, 240 V, FORM: 2S, W/ HIGH POWER AIRPOINT MODULE, BRAND: VISION, MODEL: V1SR		$178.68
			METER,WATTHOUR, BI-DIRECTIONAL, 240 V, CL 320, FORM: 2S, BRAND: CENTRON, MODEL: C2SNR		$22,383.36
			METER,WATTHOUR, DEMAND, 120 V, CL 20, FORM: 3S, BRAND: CENTRON, MODEL: C3SSRD		$3,215.28
			METER,WATTHOUR, DEMAND, 240 V, CL 20, FORM: 3S, BRAND: CENTRON, MODEL: C3SSRD		$3,215.28
			METER,WATTHOUR, DEMAND, 240 V, CL 320, FORM: 2S, BRAND: CENTRON, MODEL: C2SSRD		$62,174.58
			METER,WATTHOUR, KWH, 120 V, CL 20, FORM: 3S, UNIVERSAL BAR CODE		$1,656.00
			METER,WATTHOUR, KWH, 240 V, CL 20, FORM: 3S, UNIVERSAL BAR CODE		$1,656.00
			METER,WATTHOUR, KWH, 240 V, CL 320, FORM: 2S, UNIVERSAL BAR CODE		$19,872.00
			METER,WATTHOUR, NET DEMAND, BI-DIRECTIONAL, 240 V, CL 320, FORM: 2S, BRAMD: CENTRON, MODEL: C2SN		$3,730.56
			METER,WATTHOUR, TYPE KV2SM, 240 V, CL 320, FORM: 2S		$37,920.00
			METER,WATTHOUR, UBC KWH/KW, BRIDGE, CL 200, FORM: 2S, W/ SWITCH		$101,936.00
			RELAY, ISOLATION, MFR: TRANSDATA, APTECH#302-70, MODULE NO. MOSS-1		$22,285.20
			S8650C0C0E6S1A7A-AA480		$29,131.19
			STS, GRAY, OH UG Hardware & accessories, SQUARE BOTTOM, SEAL,METER, PADLOCK		$6,000.00
			Vision 2S Class 200 AMR Meters		$207,360.00
			XFMR, INST, 3 pack xfmr, inst, 600 v prim, 288:120 with cable		$1,065.00
			VISION METERING LLC		$17,996.49
			WORLD PRODUCTS INC		$7,941.40
			BROOKS UTILITY PRODUCTS GROUP		$998.11
			HANCO INTERNATIONAL CORP		$78.38
			INNER TITE CORP		$200.10
			SCHNEIDER ELECTRIC USA INC		$283.48
			GUARD,ANIMAL, BUSHING, SILICONE RUBBER, FULL SIZE, DISTRIBUTION ONLY		$11,645.07
			LOCK,BARREL, SS, W/ INTERNAL WEATHER SEAL,STANDARD LENGTH, W/O END CAPS, SUPER ANKER		$4,257.40
			LOCK,ROTARY, KEYED ALIKE, 1-3/4 IN RING, BRASS, ORDER KEYS SEPARATELY-STOCK CODE 436320		$11,872.81
			PADLOCK, COMBINATION, 3/4 IN SHACKLE, BRASS		$188.79
			RING, SMART, CS, W/ PERMANENT SEALING TAB, SHORT LENGTH, ANKER BARREL LOCK		$31,345.48
			RING,LOCKING, 1-PIECE METER, SS, W/ PERMANENT SEALING TAB		$958.47
			RING,SEALING, METER, AL, SNAP TYPE		$7,283.91

funding project	CTMTR21				
				Values	
Cost Element Category	**month number**	**accounting work order**	**Description**	**Sum of Quantity**	**Sum of Amount**
Material	**(blank)**	CFICT21A	SEAL,METER, 6 IN, KEVLAR	[redacted]	$73.14
			SEAL,METER, PADLOCK, SQUARE BOTTOM, GRAY, STS		$19,352.37
			SEAL,METER, PADLOCK, SQUARE BOTTOM, YELLOW/CLEAR BODY, SS		$3,346.26
			METER, 240 V, 2S Cl200, 3W, C2SOD Bridge, Bi-Directional Kwh		-$20,069.00
			METER, DEMAND, LCD, C2SOD 1S CL 200 KWH/KW (DEMAND WITH SWITCH CT/WM METER		-$2,304.00
			METER, DEMAND, LCD, CN2SOD 12S CL 200 CT/WM KWH/KW		-$3,780.00
			METER, DEMAND, LCD, CP2SO 3S KWH/KW DEMAND CT/WM METER		-$135.50
			METER, ELECTRONIC, C2SOD CT/WM 2S CL 320 BIDIRECTIONAL KWH METER		-$912.00
			METER, ELECTRONIC, C2SOD WMA 2S CL 320 BIDIRECTIONAL SOLAR PRODUCTION		-$78,318.00
			METER, ELECTRONIC, LCD, CN2SOD CT/WM BIDIRECTIONAL KWH METER		-$1,102.50
			METER, ELECTRONIC, LCD, CP2SO 4S CL 20 BRIDGE KWH CT/WM METER		-$135.50
			METER, ELECTRONIC, LCD, CP2SO 4S CL 20 KWH/KW (DEMAND) CT/WM METER		-$135.50
			METER, HIGH ERT, 240 V, C2SOD, 2S, class 320 Bridge Kwh UBC Universal		-$10,374.00
			METER, HIGH ERT, 240 V, Class 200 Net Demand Kwh/KW CT/WM		-$666.96
			METER, LCD, CP2SO 16S CL 320 BIDIRECTIONAL SOLAR PRODUCTION KWH CT/WM		-$1,760.00
			METER,DEMAND, BI-DIRECTIONAL, 16S BIDIRECT KWH/KW UBC CL320 Conn 30 minute		-$1,232.00
			METER,DEMAND, BRIDGE, 120-480 V, 3 PH, LCD REGISTER, 4W, CL 20, SOCKET MOUNT, 9S, POLYCARBONATE, 9S		-$21,648.00
			METER,DEMAND, DEMAND, 9S BiDirect KWH/KW UBC Conn 30 Minute		$3,520.00
			METER,WATTHOUR, 120 V, CL 20, FORM: 3S		-$2,056.05
			METER,WATTHOUR, 120 V, CL 200, FORM: 12S		-$414.76
			METER,WATTHOUR, 240 V, CL 20, FORM: 4S		-$6,653.44
			METER,WATTHOUR, 240 V, CL 200, FORM: 2S		-$2,474.16
			METER,WATTHOUR, CL 20, FORM: 9S, BLADE POWERED, ETHERNET, MODEM		$13,137.11
			METER,WATTHOUR, DEMAND, 2.5 A, 240 V, 3 PH, 4 WIRE, CL 20, FORM: 8S		$11,162.79
			METER,WATTHOUR, DEMAND, 240 V, CL 200, FORM: 12S		$12,964.68
			METER,WATTHOUR, OPENWAY, 30 A, 120 V, 1 PH, 2 WIRE, FORM: 1S, W/ DISCONNECT SWITCH		-$24,192.00
			METER,WATTHOUR, TRANSFORMER RATED, 120 - 480 V, CL 20, FORM: 5S		-$30,803.31
			METER,WATTHOUR, TRANSFORMER RATED, 120 - 480 V, CL 20, FORM: 9S		-$441,550.58
			METER,WATTHOUR, UBC UNIVERSAL, BRIDGE, CL 200, FORM: 12S, W/ SWITCH		-$23,940.00
			METER,WATTHOUR, UBC, UNIVERSAL BRIDGE, CL 200, FORM: 2S, W/ SWITCH		-$86,040.50
			METER,DEMAND, BRIDGE, 240 V, 1 PH, LCD REGISTER, 3W, CL 200, SOCKET MOUNT, 2S, POLYCARBONATE, 2S, 24		$32,013.73
		CFICT21A Total			$4,125,925.33
		DMCN21PR	INTERCO SALE OF METERS- 41 TO 11	0	$74,298.29
		DMCN21PR Total		0	$74,298.29
	(blank) Total			[redacted]	**$4,200,223.62**
Material Total					**$4,200,223.62**
Other	**(blank)**	CFICT21A		0	-$40,134.87
			CORSERVA INC	0	$60,869.15
			CT VOLTAGE RECORDER - FLEX CTS	[redacted]	$10,350.00
			CT VOLTAGE RECORDERS - EAGLE 330		$41,960.00
			CT VOLTAGE RECORDERS 12S		$61,215.00
			CT VOLTAGE RECORDERS 2S		$28,455.00
			CT VOLTAGE RECORDERS 9S		$52,470.00
			CT VOLTAGERECORDERS 16S		$61,215.00
			POWER MONITORS INC		$9,989.22
			POWERSOLVE INC		$69,751.13
		CFICT21A Total			$356,139.63
		DMCN21PR	INTERCO SALE OF METERS- 41 TO 11	0	-$9,418.35
		DMCN21PR Total		0	-$9,418.35
		DMCN21RT	INTERCO SALE OF METERS - 11 TO 41	0	-$203,804.46

funding project	CTMTR21				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Other	(blank)	DMCN21RT Total		0	-$203,804.46
	(blank) Total			[redacted]	$142,916.82
Other Total				[redacted]	$142,916.82
Labor	(blank)	CFICT21A	Internal Labor	0	$3,843,992.14
		CFICT21A Total		0	$3,843,992.14
	(blank) Total			0	$3,843,992.14
Labor Total				0	$3,843,992.14
Outside Services	(blank)	CFICT21A	(1) CT TOU Meters Transferred to WMA	0	-$42.44
			(10) CT TOU Meters CFI Feb 2021	0	-$424.37
			(20) CT TOU Meters Transferred to WMA	0	-$848.74
			(365) Single Phase AMR Meters Transferred to WMA	0	-$6,453.93
			(432) CT AMR Meters CFI Feb 2021	0	-$7,638.62
			1,736 Single Phase AMR Meters CFI Apr 2021	0	$30,695.95
			14 CT TOU Meters CFI Mar 2021	0	$594.12
			16 CT AMR Meters CFI Jan 2021	0	$282.91
			18,796 Single Phase AMR Meters CFI Mar 2021	0	$332,350.87
			20 CT AMR Meters CFI Feb 2021	0	$353.64
			3 CT TOU Meters CFI Feb 2021	0	$127.31
			711 Single Phase AMR Meters Transferred to WMA	0	$12,571.90
			Apply April 2021 CFI Per Actual Charging	0	-$23,393.28
			Apply Feb 2021 CFI Per Actual Charging	0	$7,582.04
			Apply Jan 2021 CFI Per Actual Charging	0	-$282.91
			Apply March 2021 CFI Per Actual Charging	0	-$345,474.45
			HEAVY WEIGHT INC	0	$14,359.07
		CFICT21A Total		0	$14,359.07
		SLATWALL	CHRIS WITHAM CONSTRUCTION SERVICES LLC	0	$4,624.24
		SLATWALL Total		0	$4,624.24
	(blank) Total			0	$18,983.31
Outside Services Total				0	$18,983.31
Grand Total				[redacted]	$11,219,074.63