

Candia Board of Selectmen

Agenda

February 28th, 2022 @ 7:00 pm

Pledge of Allegiance

Roll Call

Approval of Minutes: Public Minutes for February 14th, 2022

New Business:

Old Business:

- Affinity Lighting – Update
- Deliberative Session 2023

Other Business:

Board to authorize payment of payroll and accounts payable

Calendar:

- Meet the Candidate's Night: Tuesday, March 1, 2022 at 6:30pm at the Masonic Lodge on South Road.
- Town Elections: Tuesday, March 8th, 2022 - Polls open 6am-7pm at the CYAA.
- Next Board of Selectman's Meeting on Monday, March 14th, 2022 @ 7:00pm

Public Input

This public body may enter into one or more nonpublic sessions as permitted under RSA 91-A:3, II(c) & RSA 91-A:3, II(e)

Adjourn

Join Zoom Meeting

<https://us02web.zoom.us/j/6034838101>

Meeting ID: 603 483 8101 Password: 8101

Dial In +1 646 558 8656 US



TOWN OF

Candia, New Hampshire Lighting Upgrade Project

Presented by Affinity LED





November 24th, 2021

Dear Friends at the Town of Candia,

We are honored to submit this proposal for the Candia Town Building Interior Lighting LED upgrade project.

We, Affinity LED Light LLC (Affinity LED), are a local company founded in 2012 and currently headquartered in the Washington Street Mills in downtown Dover, New Hampshire.

Our view of doing business is to support our clients to reduce operational spending through energy and lighting maintenance cost reductions, while providing improved quality of light and lowering greenhouse gas emissions to improve air quality and public health in our local communities.

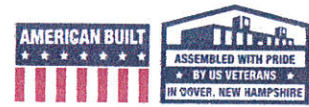
We founded our company on this belief...

**that doing well and doing good
are not mutually exclusive ideas.**

Our business model is unique, in that we take ownership of the entire customer value chain... from product development and manufacturing (**We are New England's only LED Lighting Manufacturer**), to engaging regional utility partners, **to end-to-end turnkey "boots on the ground" project management**. Doing business with Affinity LED assures you one responsible point of contact before, during and after your community's lighting efficiency measures have been installed. **We place the highest value on our relationships and our local hands-on partnerships with our clients**, one that sets us apart and is vital to your long-term satisfaction over the lifetime of the equipment. **There isn't another company in the industry who does what we do, the way we do it!**



Our CLIQ Connected line of intelligent **lighting provide leading edge LED technology** with rated lifetimes exceeding 80,000 hours of operation. **Assembled locally at our UL and ETL-approved manufacturing facility in Dover, NH with a workforce of U.S. Veterans**, we are fortunate to be producing "best-in-class" lighting while providing employment opportunities to those who have served and protected our nation. Further, **all Affinity LED CLIQ Connected lighting products come with a 7-year warranty**. Our Warranty Statement is attached.



We are your local New Hampshire Company, with products locally assembled and serviced just a few short miles from the Candia Town Building.

We have successfully completed comprehensive turn-key building lighting projects across Maine, New Hampshire and Massachusetts. These include industrial spaces (production lines and warehouses), municipal buildings (fire departments, town halls, public works facilities and police stations) and commercial buildings (car dealerships, restaurants, hotels and retail stores). In 2019, **we were competitively selected by the SAU #461 (Rochester, NH) to upgrade nine school buildings to our line of American-built smart lighting, CLIQ Connected.** We have also been selected to convert four schools in SAU #11 (Dover, NH).

As demonstrated in this proposal, we understand the complexities of lighting conversions and specifically, your individual community's project. To ensure we meet or exceed your expectations, we have assembled a **"Partners of Choice" team of experts to fulfill our end-to-end turnkey commitment to you** as outlined in this response:

Installation & Maintenance

Our highly capable crews are experienced contractors having all requisite training, certifications, equipment, and insurance to safely perform the required operations of disconnection, fixture installation and reconnection. The installation service is included in our proposal at no additional cost to the Town.

Tax-Exempt Lease Purchase Financing

Affinity LED has partnered with Municipal Leasing Consultants (MLC) to help your community get the equipment and technology you need to continue providing the best possible services, in the most cost effective way. MLC has a track record of success and a strong commitment to helping American communities achieve their goals.

Recycling & Disposal

We are contracting with NER- New England Recycling **to provide safe, secure, certified disposal and recycling of waste materials.** This service is included in our proposal at no additional cost to the Town.

We are aligned and ready to add the "Most Important Partner" to our Team... the Town of Candia. We look forward to engaging with all of you on this important project.

Yours truly,

Steven R. Lieber
President & Founder, Affinity LED Light LLC

Mailing:
Affinity LED Light LLC
133 Islington Street
Portsmouth, NH 03801
Fax: 603-590-8897

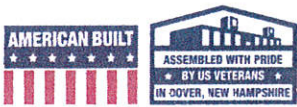
Office & Warehouse & Assembly:
Affinity LED Lighting
1 Washington Street, Unit # 5121
Dover, NH 03820 Phone: 978-378-LED8



Steve Lieber
Principal Contact
cell: 603-828-8919
steve@affinityled.com



Andrew Tiebout
Senior Project Manager
cell: 603-767-8119
andrew@affinityled.com



Affinity LED Light Key Project Personnel

Steve Lieber
President & Principal
Mobile: 603-828-8919
steve@affinityled.com

Andrew Tiebout
Senior Project Manager
Mobile: 603-767-8119
andrew@affinityled.com

Andrew Tiebout's areas of responsibility as Senior Project Manager include 1) Senior person responsible for overall success of the turnkey project. 2) Direct internal personnel on various aspects required for execution of project. 3) Ensures internal personnel and external resources are aligned on an operation schedule and task execution. 4) Utility submission and closing documents. 5) Primary support for customer related interactions.

Additional Staff Assigned

Cassidy Brennan
Project Developer

Cassidy Brennan's role as Project Developer is to be the initial point of contact for projects as well as, develop energy models and proposals, coordination with the utility partners

Angel Segarra
Project Lead

Angel Segarra's role as Project Lead in the company includes assisting the project manager in coordinating field operations between the project team and operations, managing materials required for projects, communicating with and scheduling subcontractors, and ensuring that projects follow projected timelines.

Operations & Assembly Team:

Johnny Muy
Operations Manager

Johnny Muy is our Operations Manager, maintains relationships with suppliers. He oversees raw materials acquisition, production, quality control, and shipment readiness.

Michael Snay
Lead Technician &
Production Manager Lead

Michael Snay (US Navy Veteran) is our Lead Technician and Production Supervisor, in charge of assigning tasks to our assembly team, keeping assembly on schedule, and making warranty repairs, as necessary.

The Assembly Team

(all US Veterans) flexes between five and seven people depending on demand.

Finance Team:

Caroline Kinville
Director - Finance &
Production Operations

Caroline Kinville is our Director of Finance & Operations and is responsible for contracts, insurance. She is the liaison between financiers and our customers.

Sandra Massie
Accounting Manager

Sandra Massie is our Accounting Manager who manages billing. Our progress billing for active projects.

Project Highlights

Product Summary

	<u>Total Fixtures</u>	<u>Smart Fixtures</u>	<u>CLIQ IQ</u>	<u>Energy Reduction</u>
Totals	111	84	76%	-82.8%

Project Financial Summary

	<u>Project Cost</u>	<u>Estimated Incentive Award</u>	<u>Project Net</u>	<u>Estimated Annual Savings</u>	<u>Simple Payback (Yrs)</u>
Totals	\$24,596	\$5,039	\$19,557	(\$5,646)	3.46

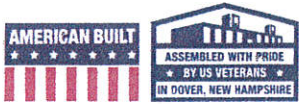


This bid price includes these services:

- A comprehensive audit of the existing infrastructure (interior and exterior)
- Responsible handling of all waste
- Utility and incentive paperwork
- Programming of new Smart Fixtures
- Fixtures built to order in our Dover office / manufacturing facility
- A contingency budget to prevent the need for a change order
- Installation of new fixtures and disposal of legacy fixtures



Project ROI



Below we compare the project investment with the estimated savings from our comprehensive energy & costing model.

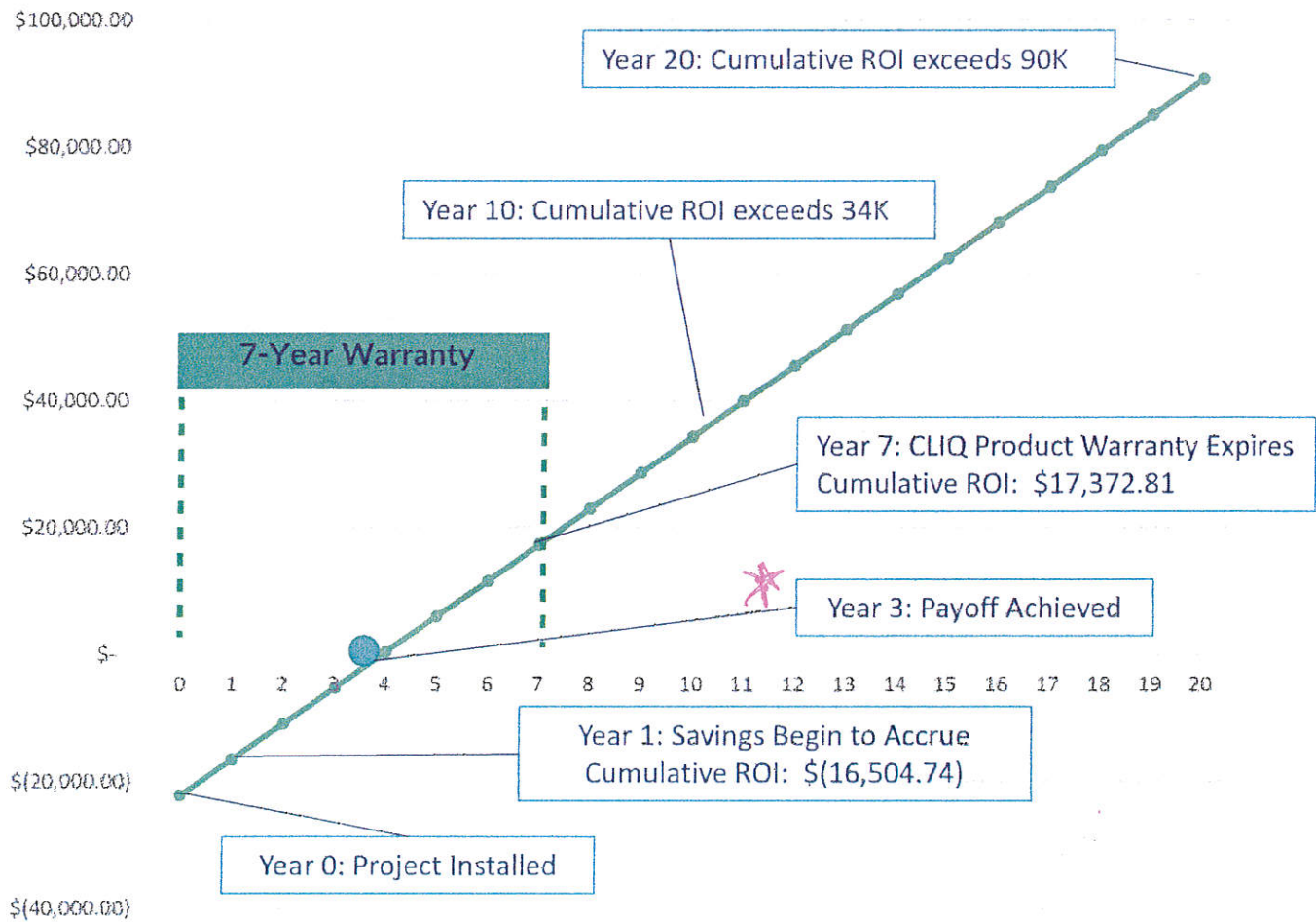
Here's what represented:

- Actual Eversource rates
- Hours of occupancy approved by the Town of Candia
- Savings due to high-end trim, occupancy sensors and daylight harvesting

Here's what **NOT** represented:

- Maintenance savings (no more ballast replacements!)
- Energy savings due to manual dimming
- Energy costs will go up – therefore so will your savings!

Based on the current assumptions, we expect the Town will save over \$90K over the life of the LED fixtures!



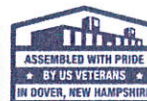
Candia Town Office Building and surrounding areas

Light fixture inventory

			Picture	Lamps/ Picture	Total Lamps
1	1F-Vestibule	2x4 Recessed Troffer 4-Lamp T8 28W	1	4	4
2	1F-Hall	2x4 Recessed Troffer 4-Lamp T8 28W	5	4	20
3	1F-Hall	4ft Surface Mounted Wrap 2-Lamp T8	1	2	2
4	1F- PD Interior Vestibule	8" Recessed Downlight 2Pin CFL	1	1	1
5	1F- PD Exterior Entry/Vestibule	2x4 Recessed Troffer 4-Lamp T8 28W	1	4	4
6	1F- PD Records	2x4 Recessed Troffer 4-Lamp T8 28W	2	4	8
7	1F- PD Video Recording	2x4 Recessed Troffer 4-Lamp T8 28W	2	4	8
8	1F- PD Video Recording	Switch	1		0
9	Stairs to PD	2x4 Recessed Troffer 4-Lamp T8 28W	1	4	4
10	Stairs to PD	4ft Surface Mounted Wrap 4-Lamp T8	1	4	4
11	Stairs to PD	4ft Surface Mounted Wrap 2-Lamp T8	1	2	2
12	2F- Hall	4ft Surface Mounted Wrap 4-Lamp T8	3	4	12
13	2F -Lieutenants Office	4ft Surface Mounted Wrap 4-Lamp T12	2	4	8
14	2F -Lieutenants Office	Switch	1		0
15	2F -Chiefs Office	4ft Surface Mounted Wrap 4-Lamp T12	2	4	8
16	2F -Chiefs Office	Switch	1		0
17	2F- Kitchen	4ft Surface Mounted Wrap 4-Lamp T12	2	4	8
18	2F- Bath	4ft Surface Mounted Wrap 4-Lamp T12	1	4	4
19	2F-Bath	Deco LED	1	1	1
20	2F-Office	4ft Surface Mounted Wrap 4-Lamp T12	1	4	4
21	2F- Donation Room	4ft Surface Mounted Wrap 4-Lamp T12	1	4	4
22	2F- Office	4ft Surface Mounted Wrap 4-Lamp T12	1	4	4
23	2F- Conference	4ft Surface Mounted Wrap 4-Lamp T12	2	4	8
24	2F- Conference	Switch	1		0
25	2F- Hall	4ft Surface Mounted Wrap 2-Lamp T8	2	2	4
26	2F-Files	4ft Surface Mounted Wrap 4-Lamp T8	3	4	12
27	2F- Stairs	4ft Surface Mounted Wrap 4-Lamp T8	1	4	4
28	1F- Land Use Office	2x4 Recessed Troffer 4-Lamp T8 28W	2	4	8
29	1F- Land Use Office	Switch	1		0
30	1F- Womens Restroom	2x4 Recessed Troffer 4-Lamp T8 28W	1	4	4

			Picture	Lamps/ Picture	Total Lamps
31	1F-Mens Restroom	2x4 Recessed Troffer 4-Lamp T8 28W	1	4	4
32	1F- Tax Collectors Office	2x4 Recessed Troffer 4-Lamp T8 28W	2	4	8
33	1F- Tax Collectors Office	Switch	1		0
34	1F- Town Clerk	2x4 Recessed Troffer 4-Lamp T8 28W	8	4	32
35	1F- Town Clerk	Switch	1		0
36	1F- TC Office	2x4 Recessed Troffer 4-Lamp T8 28W	2	4	8
37	1F- TC Office	Switch	1		0
38	1F- TC Storage	2x4 Recessed Troffer 4-Lamp T8 28W	1	4	4
39	1F-Town Meeting Room	2x4 Recessed Troffer 4-Lamp T8 28W	8	4	32
40	1F-Town Meeting Room	2x2 Recessed Troffer 2-Lamp T8 UBend	8	2	16
41	1F-Town Meeting Room	Switch	1		0
42	B- Gym and Lockers	4ft Surface Mounted Strip 2-Lamp T8	8	2	16
43	B-Storage Closet	4ft Surface Mounted Strip 2-Lamp T8	2	2	4
44	B- Cellar Storage	4ft Surface Mounted Strip 2-Lamp T8	6	2	12
45	B- Cellar Storage	CFL Bulb	8	1	8
46	B-Stair 1	CFL Bulb	2	1	2
47	B-Stair 2	A19 Incandescent	1	1	1
48	B-Stair 3	4ft Surface Mounted Wrap	1	4	4
49	Exterior- Doorways	6" Recessed Downlight BR30	2	1	2
50	Exterior- Doorways	Deco 2-Lamp E11 Candles	2	2	4
51	Exterior	Floods 2-Lamp PAR 38	1	2	2
52	Exterior	Forward Throw Wall Pack 1-Lamp 150W HPS	2	1	2
53	Exterior-Flag	Flood HID 150W	1	1	1
54	Exterior	LED Corncobb	1	1	1
55	Parking Lot	Deco 1-Lamp Metal Halide 150W	8	1	8
56	Garden	LED Bollards OCS			0
57	Road Agent/Sand shed	Flood HPS 150W	1	1	1
	ALC CODE 3 per 45W of CONTROLLED				
	CONTINGENCY				
	DISPOSAL				
	Bond				

Product Spotlight



Introducing CLIQ Connected Intelligent Lighting. CLIQ technology combines leading edge efficiency ambient lighting and intelligent programming solutions for any, office, hallway or workplace area.

Daylight harvesting

Lights automatically dim in response to natural light, which means letting the sun share the load – and extra savings on your utility bills.

Customization

Staff have more control over room conditions with Bluetooth controls and preprogrammed switches:

Each room can be dimmed to the exact preference of the staff for any situation.

In need of something more targeted? "Scenes" can be preprogramed into the switch so staff can press a button and have task lighting for presentations, projector usage, or any other workplace activity.

Occupancy sensors

Each light having a sensor means that areas that don't need more light are not getting as much power, saving you energy and money.

Built locally by US Veterans in our Dover, NH facility

2-year longer warranty

Most brands uses the standard DLC 5-year product warranty. The CLIQ line has a **7-year product warranty**.

Cost of labor & maintenance

The utilization of Bluetooth controls means that there is less wiring, and **less time and cost** associated with installation and maintenance.

More lumens per Watt ensures a more efficient product with a longer lifespan.

Programming

Concerned about the controls being complicated? We program all areas of the building to the staff preferences and offer continued training for the ease of all parties involved.

OUR PHILOSOPHY

doing well *and* doing good
are not mutually exclusive business goals

APPROVED
Candia’s Virtual Selectmen’s Public Session Minutes
February 14th, 2022 at 7:00 pm

Note: Individual roll call has been taken after each motion.

7:00 pm Chair Brock opened the Public Session Meeting followed by the Pledge of Allegiance.

Attendance: Chair Brien Brock, Selectmen Patrick Moran, Selectman Russ Dann, Selectman Boyd Chivers, Selectman Sue Young and Town Administrator Andria Hansen

Approval of Minutes: Public Session Minutes for January 24th, 2022. None noted.

MOTION: Selectman Chivers made a motion to accept the January 24th, 2022, Public Session minutes as presented. Seconded by Selectman Moran. All in favor and Selectman Dann abstained. Motion carried by a vote of 4-0-1.

Department Reports: Highway; Police; Fire; Building; Solid Waste; Budget; Other.

Highway: Road Agent Jeff Wuebbolt read the attached report and gave an update. Due to the recent bad weather Candia has had, he may need have a road posting for seasonal weight limits in the newspaper soon.

Police: Chief Mike McGillen read the attached report and gave an update.

NEW BUSINESS

Fire Department - Recommendations: Selectman Chivers stated Fire Chief Young submitted a Recommendation of Appointment for Edmund Burke for Candia’s Volunteer Fire Department.

MOTION: Selectman Chivers made a motion to approve Fire Chief Youngs Recommendation for Appointment and nominate Edmund Burke to Candia’s Volunteer Fire Department. Seconded by Chair Brock. Discussion opened. Selectman Moran asked if it was for medic purposes. Selectman Chivers replied that he assumes that it would be for that purpose. Discussion ended. **All in favor. Motion carried by a vote of 5-0-0.**

Selectman Chivers stated Fire Chief Young submitted a recommendation of Appointment for Stacy Peterson for Candia’s Volunteer Fire Department.

MOTION: Selectman Chivers made a motion to approve Fire Chief Youngs Recommendation of Appointment and nominate Stacy Peterson to Candia’s Volunteer Fire Department. Seconded by Chair Brock. All in favor. Motion carried by a vote of 5-0-0.

Fire: Selectman Chivers read the attached reports.

Building Department: Building Inspector Gagne read the attached report and gave an update. Selectman Dann mentioned the entrance of the Recycle Center Road is very narrow as well as the traffic circle and the possible future costs. There was a discussion with the Town’s issues with unregistered vehicles on properties. Building Inspector Gagne gave an update on some of the properties with violations and will verify his information to give the Board additional updates.

Candia Selectmen's Public Session Minutes of 02/14/2022

Solid Waste: No reports available.

Budget: No updates.

Hazard Mitigation Grant: Emergency Management Bob Panit explained the Hazard Mitigation Grant that needed the Selectmen's signatures. See attached. The Motion is to read as follows:

"The Select Board, in a majority, accepted the terms of the Building Resilient Infrastructure and Communities (BRIC) as presented in the amount of \$7,500 to update the community's Local Hazard Mitigation Plan. Furthermore, the Board acknowledges that the total cost of this project will be \$10,000.00, in which the town will be responsible for a 25% match (\$2,500.00)."

MOTION: Selectman Chivers moved to accept the terms of the building Resilient Infrastructure and Communities (BRIC) as presented in the amount of \$7,500.00 to update the community's Local Hazard Mitigation Grant and for the Board to acknowledge the total cost is \$10,000.00, in which the town will be responsible for a 25% match \$2,500.00. Seconded by Selectman Young. All were in favor. Motion carried by a vote of 5-0-0.

Hazard Mitigation Grant - Emergency Management Panit indicated contractor Hubbard Consulting will assist in putting a plan together and will be working with the Planning Committee that has many Town Departments involved as well as some residents. The Federal and State have guidelines that will need to be followed as they are Federal Funds.

OLD BUSINESS

Recycle & Energy Committee - Recommendation: Selectman Dann stated Janet Lewis would like to become a member of the Recycle & Energy Committee.

MOTION: Selectman Dann made a motion to approve Janet Lewis to become a member of the Recycle & Energy Committee. Seconded by Selectman Young. All in favor. Motion carried by a vote of 5-0-0.

Lighting Upgrade Project - Selectman Dann mentioned the lighting upgrade project for the Town Hall Building and surrounding area including the Salt Shed is looking as though it will be completed next year. The cost is \$24,596 to do the work and it will need to be added into the budget.

Covid Update: Town Administrator Hansen updated the Board that there have been multiple Employees who have tested positive with Covid symptoms and without symptoms. At this point the Cares Act is no longer available, and Employees need use their sick time when they are out of work.

OTHER BUSINESS

Board to authorize the payments of payroll and payables. Selectman Chivers announced the payroll for the week ending February 3rd was \$23,177.00, for week ending February 10th was \$21,888.09, for week ending February 17th was \$21,672.32. Payables for week ending February 3rd was \$56,263.03. For week ending February 10th was \$656,734.91 of which the school received \$600,000. For week ending January 17th was \$61,822.45 for a combined total of \$841,557.80.

Candia Selectmen’s Public Session Minutes of 02/14/2022

92 **MOTION: Selectman Chivers made a motion to approve accounts payable and payroll**
93 **checks for a total of \$841,557.80. Seconded by Selectman Moran. All in favor. Motion carried**
94 **by a vote of 5-0-0.**

- 95
96 **Calendar:**
- 97 • The Town Offices will be closed on Presidents Day - Monday, February 21st, 2022.
 - 98 • The next Board of Selectmen’s meeting is scheduled on Monday, February 28th, 2022 @
99 7:00 pm.
 - 100 • Meet the Candidates Night – Tuesday, March 1st, 2022 @ 6:30pm at the Masonic Lodge
101 on South Road.

102 **Public Input:** None noted.

103 **Communicate** -Selectman Young asked for all the Selectmen to communicate together on things
104 that are relevant such as to the opening the Town Hall Offices late during a bad weather. Town
105 Administrator agreed to let the Board know.

106 **Deliberative Session** - Selectman Young stated the Town of Fremont combines their Deliberative
107 Session with the School and Town both together on the same day. Town Administrator Hansen
108 will contact the School Board to find out if they are interested in trying it next year.

109 **Robotics Team** - Selectman Moran stated the School’s Robotics Team has teams going to the
110 State’s Competition next week and will be held at the Manchester’s Community College.

111 **7:48pm MOTION: Selectman Dann made a motion to adjourn the Public Meeting. Seconded**
112 **by Selectmen Chivers. All in Favor. Motion carried by a vote of 5-0-0.**

113
114 Respectfully submitted,
115 Linda Chandonnet, Recording Secretary

A L C 1 + 2	Candia Town Building		EXISTING INSTALLATIONS					PROPOSED LIGHTING ANNUAL COST (KWH ONLY)	\$795										(\$3,839) ANNUAL LIGHTING COST SAVINGS										RATED LED 'KWH' Savings	KW DEMAND Savings	TOTAL KWH W/ ALC SAVINGS		CONTROLS IMPACT
	TOTAL KWH W/ ALC SAVINGS		QUANTITIES						PROPOSED LIGHTING TOTAL					\$24,596					LED + ALL ALC MEASURES														
	-82.8% (32,251.4)		121 312						17%					2,788 2184 4,979					\$16,761 \$7,835					(28,253) (7.41)		(32,251.4) (3,998)							
	SEQ	Installation	Description	Existing Fixture Codes	Fixtures	Lamps/ Fixture	Total Lamps		Description	Labor Code	Fixtures	Lamps/ Fixture	Total Lamps	Lamp Watts	High End Trim Watts	KW DEMAND (watts)	Controlled Watts	annual kWh	total annual cost	% Energy	lamp life	lamp years	Total Lighting Cost	Labor & Matls Cost/ Fixture	Total Lighting Cost	Total Labor/ Matls Cost	Total Cost						
BLANK LINE																																	
H D	1	1F-Vestibule	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	1	4	4	QTK24E-26W-40KS	C1Q	1	1	1	26	18.2	26	26	27	\$3	-77%	80,000	76.9	\$185.00	\$35.00	\$185	\$35	\$220	(89)	(86)					
H	2	1F-Hall	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	5	4	20	QTK24E-26W-40KS	C1Q	5	1	5	26	18.2	130	130	135	\$16	-77%	80,000	76.9	\$185.00	\$35.00	\$925	\$175	\$1,100	(447)	(430)					
H	3	1F-Hall	4ft Surface Mounted Wrap 2-Lamp T8	2F32SSE	1	2	2	QUW4E-26W-40KS(CKD)	D1Q	1	1	1	26	18.2	26	26	27	\$3	-57%	80,000	76.9	\$150.00	\$55.00	\$150	\$55	\$205	(35)	(34)					
H	4	1F- PD Interior Vestibule	8" Recessed Downlight 2Pin CFL	1C0028E	1	1	1	QTS22E-26W-40KS	X1	1	1	1	26	18.2	26	26	228	\$27	-7%	80,000	9.1	\$150.00	\$100.00	\$150	\$100	\$250	(18)	(2)					
H D	5	1F- PD Exterior Entry/Vestibule	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	1	4	4	QTK24E-26W-40KS	C1Q	1	1	1	26	18.2	26	26	228	\$27	-77%	80,000	9.1	\$185.00	\$35.00	\$185	\$35	\$220	(753)	(86)					
O	6	1F- PD Records	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	2	4	8	QTK24E-26W-40KS	C1Q	2	1	2	26	18.2	52	52	456	\$54	-77%	80,000	9.1	\$185.00	\$35.00	\$370	\$70	\$440	(1,507)	(172)					
O D	7	1F- PD Video Recording	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	2	4	8	QTK24E-26W-40KS	C1Q	2	1	2	26	18.2	52	52	456	\$54	-77%	80,000	9.1	\$185.00	\$35.00	\$370	\$70	\$440	(1,507)	(172)					
	8	1F- PD Video Recording	Switch		1	0		QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-					
S D	9	Stairs to PD	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	1	4	4	QTK24E-26W-40KS	C2Q	1	1	1	26	18.2	26	26	228	\$27	-77%	80,000	9.1	\$185.00	\$55.00	\$185	\$55	\$240	(753)	(86)					
S D	10	Stairs to PD	4ft Surface Mounted Wrap 4-Lamp T8	4F32SSE	1	4	4	QUW4E-26W-40KS(CKD)	D2Q	1	1	1	26	18.2	26	26	228	\$27	-77%	80,000	9.1	\$150.00	\$80.00	\$150	\$80	\$230	(753)	(86)					
S D	11	Stairs to PD	4ft Surface Mounted Wrap 2-Lamp T8	2F32SSE	1	2	2	QUW4E-26W-40KS(CKD)	D2Q	1	1	1	26	18.2	26	26	228	\$27	-57%	80,000	9.1	\$150.00	\$80.00	\$150	\$80	\$230	(298)	(34)					
H D	12	2F- Hall	4ft Surface Mounted Wrap 4-Lamp T8	4F32SSE	3	4	12	QUW4E-26W-40KS(CKD)	D1Q	3	1	3	26	18.2	78	78	683	\$81	-77%	80,000	9.1	\$150.00	\$55.00	\$450	\$165	\$615	(2,260)	(258)					
O D	13	2F -Lieutenants Office	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	2	4	8	QUW4E-26W-40KS(CKD)	D1Q	2	1	2	26	18.2	52	52	456	\$54	-78%	80,000	9.1	\$150.00	\$55.00	\$300	\$110	\$410	(1,647)	(188)					
	14	2F -Lieutenants Office	Switch		1	0		QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-					
O D	15	2F -Chiefs Office	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	2	4	8	QUW4E-26W-40KS(CKD)	D1Q	2	1	2	26	18.2	52	52	456	\$54	-78%	80,000	9.1	\$150.00	\$55.00	\$300	\$110	\$410	(1,647)	(188)					
	16	2F -Chiefs Office	Switch		1	0		QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-					
C	17	2F- Kitchen	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	2	4	8	QUW4E-26W-40KS(CKD)	D1Q	2	1	2	26	18.2	52	52	456	\$54	-78%	80,000	9.1	\$150.00	\$55.00	\$300	\$110	\$410	(1,647)	(188)					
B	18	2F- Bath	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	1	4	4	QUW4E-26W-40KS(CKD)	D1Q	1	1	1	26	18.2	26	26	228	\$27	-78%	80,000	9.1	\$150.00	\$55.00	\$150	\$55	\$205	(823)	(94)					
B	19	2F-Bath	Deco LED		1	1	1	OOS		1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$0.00	\$0.00	\$0	\$0	\$0	-	-					
O	20	2F-Office	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	1	4	4	QUW4E-26W-40KS(CKD)	D1Q	1	1	1	26	18.2	26	26	228	\$27	-78%	80,000	9.1	\$150.00	\$55.00	\$150	\$55	\$205	(823)	(94)					
O	21	2F- Donation Room	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	1	4	4	QUW4E-26W-40KS(CKD)	D1Q	1	1	1	26	18.2	26	26	27	\$3	-78%	80,000	76.9	\$150.00	\$55.00	\$150	\$55	\$205	(98)	(94)					
O	22	2F- Office	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	1	4	4	QUW4E-26W-40KS(CKD)	D1Q	1	1	1	26	18.2	26	26	27	\$3	-78%	80,000	76.9	\$150.00	\$55.00	\$150	\$55	\$205	(98)	(94)					
O D	23	2F- Conference	4ft Surface Mounted Wrap 4-Lamp T12	4F40SEE	2	4	8	QUW4E-26W-40KS(CKD)	D1Q	2	1	2	26	18.2	52	52	54	\$6	-78%	80,000	76.9	\$150.00	\$55.00	\$300	\$110	\$410	(196)	(188)					
	24	2F- Conference	Switch		1	0		QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-					
H	25	2F- Hall	4ft Surface Mounted Wrap 2-Lamp T8	2F32SSE	2	2	4	QUW4E-26W-40KS(CKD)	D1Q	2	1	2	26	18.2	52	52	54	\$6	-57%	80,000	76.9	\$150.00	\$55.00	\$300	\$110	\$410	(71)	(68)					
A	26	2F-Files	4ft Surface Mounted Wrap 4-Lamp T8	4F32SSE	3	4	12	QUW4E-26W-40KS(CKD)	D1Q	3	1	3	26	15.6	78	78	81	\$10	-77%	80,000	76.9	\$150.00	\$55.00	\$450	\$165	\$615	(268)	(258)					
S	27	2F- Stairs	4ft Surface Mounted Wrap 4-Lamp T8	4F32SSE	1	4	4	QUW4E-26W-40KS(CKD)	D2Q	1	1	1	26	18.2	26	26	228	\$27	-77%	80,000	9.1	\$150.00	\$80.00	\$150	\$80	\$230	(753)	(86)					
O D	28	1F- Land Use Office	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	2	4	8	QTK24E-26W-40KS	C1Q	2	1	2	26	18.2	52	52	54	\$6	-77%	80,000	76.9	\$185.00	\$35.00	\$370	\$70	\$440	(179)	(172)					
	29	1F- Land Use Office	Switch		1	0		QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-					
B	30	1F- Womens Restroom	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	1	4	4	QTK24E-26W-40KS	C1Q	1	1	1	26	18.2	26	26	27	\$3	-77%	80,000	76.9	\$185.00	\$35.00	\$185	\$35	\$220	(89)	(86)					

ALC 1 + 2	Candia Town Building		EXISTING INSTALLATIONS					PROPOSED LIGHTING ANNUAL COST (KWH ONLY)		\$795										(\$3,839) ANNUAL LIGHTING COST SAVINGS										RATED LED 'KWH' Savings	KW DEMAND Savings	TOTAL KWH W/ ALC SAVINGS		CONTROLS IMPACT
																																LED + ALL ALC MEASURES		
	TOTAL KWH W/ ALC SAVINGS		QUANTITIES					QUANTITIES					PROPOSED ENERGY COST BEFORE ALC'S					PROPOSED LIGHTING TOTAL					\$24,596					-82.8%		(32,251.4)		(3,998)		
	SEQ	Installation	Description	Existing Fixture Codes	Fixtures	Lamps/ Fixture	Total Lamps	Description	Labor Code	Fixtures	Lamps/ Fixture	Total Lamps	Lamp Watts	High End Trim Watts	KW DEMAND (watts)	Controlled Watts	annual kWh	total annual cost	% Energy	lamp life	lamp years	Total Lighting Cost	Labor & Mats/ Fixture	Total Lighting Cost	Total Labor/ Mats/ Fixture	Total Cost								
	31	1F-Mens Restroom	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	1	4	4	QTK24E-26W-40KS	C1Q	1	1	1	26	18.2	26	26	27	\$3	-77%	80,000	76.9	\$185.00	\$35.00	\$185	\$35	\$220	(89)	(86)						
	32	1F- Tax Collectors Office	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	2	4	8	QTK24E-26W-40KS	C1Q	2	1	2	26	18.2	52	52	54	\$6	-77%	80,000	76.9	\$185.00	\$35.00	\$370	\$70	\$440	(179)	(172)						
	33	1F- Tax Collectors Office	Switch		1	0	QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-							
	34	1F- Town Clerk	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	9	4	36	QTK24E-26W-40KS	C1Q	9	1	9	26	18.2	234	234	243	\$29	-77%	80,000	76.9	\$185.00	\$35.00	\$1,665	\$315	\$1,980	(805)	(774)						
	35	1F- Town Clerk	Switch		1	0	QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-							
	36	1F- TC Office	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	2	4	8	QTK24E-26W-40KS	C1Q	2	1	2	26	18.2	52	52	54	\$6	-77%	80,000	76.9	\$185.00	\$35.00	\$370	\$70	\$440	(179)	(172)						
	37	1F- TC Office	Switch		1	0	QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-							
	38	1F- TC Storage	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	1	4	4	QTK24E-26W-40KS	C1Q	1	1	1	26	15.6	26	26	27	\$3	-77%	80,000	76.9	\$185.00	\$35.00	\$185	\$35	\$220	(89)	(86)						
	39	1F-Town Meeting Room	2x4 Recessed Troffer 4-Lamp T8 28W	4F32SSE	6	4	24	QTK24E-26W-40KS	C1Q	6	1	6	26	18.2	156	156	162	\$19	-77%	80,000	76.9	\$185.00	\$35.00	\$1,110	\$210	\$1,320	(537)	(516)						
	40	1F-Town Meeting Room	2x2 Recessed Troffer 2-Lamp T8 UBend	2F32SSE	6	2	12	QTK22E-26W-40KS	B1Q	6	1	6	26	18.2	156	156	162	\$19	-57%	80,000	76.9	\$150.00	\$55.00	\$900	\$330	\$1,230	(212)	(204)						
	41	1F-Town Meeting Room	Switch		1	0	QWWS1	M1	1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$115.00	\$35.00	\$115	\$35	\$150	-	-							
	42	B- Gym and Lockers	4Ft Surface Mounted Strip 2-Lamp T8	2F32SSE	8	2	16	QUW4E-26W-40KS(CKD)	D1Q	8	1	8	26	15.6	208	208	1822	\$217	-57%	80,000	9.1	\$150.00	\$55.00	\$1,200	\$440	\$1,640	(2,383)	(272)						
	43	B-Storage Closet	4Ft Surface Mounted Strip 2-Lamp T8	2F32SSE	2	2	4	QUW4E-26W-40KS(CKD)	D1Q	2	1	2	26	15.6	52	52	38	\$5	-57%	80,000	109.6	\$150.00	\$55.00	\$300	\$110	\$410	(50)	(68)						
	44	B- Cellar Storage	4Ft Surface Mounted Strip 2-Lamp T8	2F32SSE	6	2	12	QUW4E-26W-40KS(CKD)	D1Q	6	1	6	26	15.6	156	156	114	\$14	-57%	80,000	109.6	\$150.00	\$55.00	\$900	\$330	\$1,230	(149)	(204)						
	45	B- Cellar Storage	CFL Bulb	1C0026E	8	1	8	FT1230KD	X2	8	1	8	12	12	96	0	70	\$8	-57%	80,000	109.6	\$5.00	\$0.00	\$40	\$0	\$40	(93)	(128)						
	46	B-Stair 1	CFL Bulb	1C0026E	2	1	2	FT1230KD	X2	2	1	2	12	12	24	0	210	\$25	-57%	80,000	9.1	\$5.00	\$0.00	\$10	\$0	\$10	(280)	(32)						
	47	B-Stair 2	A19 Incadencent	10060	1	1	1	FT1230KD	X2	1	1	1	12	12	12	0	105	\$13	-80%	80,000	9.1	\$5.00	\$0.00	\$5	\$0	\$5	(420)	(48)						
	48	B-Stair 3	4Ft Surface Mounted Wrap		1	4	4	QUW4E-26W-40KS(CKD)	D2Q	1	1	1	26	18.2	26	26	228	\$27	0%	80,000	9.1	\$150.00	\$80.00	\$150	\$80	\$230	228	26						
	49	Exterior- Doorways	6' Recessed Downlight BR30		2	1	2	B301530KD		2	1	2	15	15	30	0	131	\$16	0%	60,000	13.7	\$20.00	\$0.00	\$40	\$0	\$40	131	30						
	50	Exterior- Doorways	Deco 2-Lamp E11 Candles		2	2	4	HTFC04	F	2	1	4	4	4	16	0	70	\$8	0%	60,000	13.7	\$15.00	\$22.50	\$60	\$45	\$105	70	16						
	51	Exterior	Floods 2-Lamp PAR 38		1	2	2	P38162530KD		1	1	1	16	16	16	0	70	\$8	0%	60,000	13.7	\$35.00	\$0.00	\$35	\$0	\$35	70	16						
	52	Exterior	Forward Throw Wall Pack 1-Lamp 150W HPS	1H0150S	2	1	2	WFT2-45W-30K	J1	2	1	2	45	45	90	0	394	\$47	-76%	80,000	18.3	\$149.00	\$75.00	\$298	\$150	\$448	(1,270)	(290)						
	53	Exterior-Flag	Flood HID 150W	1H0150S	1	1	1	FL4-27W-50K-Knuckle	J1	1	1	1	0	0	0	0	0	\$0	-100%	0	0.0	\$199.00	\$75.00	\$159	\$75	\$234	(832)	(190)						
	54	Exterior	LED Corncobb		1	1	1	OOS?		1	1	1	0	0	0	0	0	\$0	0%	0	0.0	\$0.00	\$0.00	\$0	\$0	\$0	-	-						
	55	Parking Lot	Deco 1-Lamp Metal Halide 150W	1M0150S	6	1	6	PT5-45W-30K-E39	O2	6	1	6	45	45	270	0	1183	\$141	-76%	50,000	11.4	\$135.00	\$60.00	\$810	\$360	\$1,170	(3,811)	(870)						
	56	Garden	LED Bollards OOS			0		OOS		0	1	0	0	0	0	0	0	\$0	0%	0	0.0	\$0.00	\$0.00	\$0	\$0	\$0	-	-						
	57	Road Agent/Sand shed	Flood HPS 150W	1H0150S	1	1	1	P901D-50W-30K-T3-BR-TNM	J1	1	1	1	50	50	50	0	219	\$26	-74%	120,000	27.4	\$409.00	\$75.00	\$409	\$75	\$484	(613)	(140)						
		ALC CODE 3 per 45W of CONTROLLED LIGHTING					ALC CODE 3 per 45W of CONTROLLED LIGHTING		49	1	49											\$0	\$0	\$0										
		CONTINGENCY					CONTINGENCY		1	1	1											\$2,000.00	\$0	\$2,000	\$2,000									
		DISPOSAL					DISPOSAL		1	1	1											\$0.00	\$750.00	\$0	\$750	\$750								
		Bond					BOND		1	0	0											\$760.02	\$0	\$0	\$0									

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Candia Town Building		EXISTING INSTALLATIONS					PROPOSED LIGHTING ANNUAL COST (KWH ONLY)	\$795 (\$3,839) ANNUAL LIGHTING COST SAVINGS															RATED LED 'KWH' Savings	KW DEMAND Savings	TOTAL KWH W/ ALC SAVINGS	CONTROLS IMPACT			
TOTAL KWH W/ ALC SAVINGS		QUANTITIES						PROPOSED LIGHTING TOTAL \$24,596										LED + ALL ALC MEASURES											
-82.8% (32,251.4)		121 312						\$16,761 \$7,835										(28,253)	(7.41)	(32,251.4)	(3,998)								
SEQ	Installation	Description	Existing Fixture Codes	Fixtures	Lamps/ Fixture	Total Lamps	Description	Labor Code	Fixtures	Lamps/ Fixture	Total Lamps	Lamp Watts	High End Trim Watts	KW DEMAND (watts)	Controlled Watts	annual kWh	total annual cost	% Energy	lamp life	lamp years	Total Lighting Cost	Labor & Matts Cost/ Fixture	Total Lighting Cost	Total Labor/ Matts Cost	Total Cost			-82.8%	12.4%

Weekly Payroll and Accounts Payable Manifest Totals					
Check	Payroll	Total		Payroll	
<u>Date</u>	<u>Manifest</u>	<u>Amount</u>		<u>Subtotal</u>	
02/24/22	1198-02	21,755.94		21,755.94	
03/03/22	1199-04	36,991.80		58,747.74	
Check	Accts Pay	Total		Accts Pay	
<u>Date</u>	<u>Manifest</u>	<u>Amount</u>		<u>Subtotal</u>	
02/24/22	202208	38,629.27		38,629.27	
03/03/22	202209	536,092.27		574,721.54	<i>school 500,000.00</i>
Grand Total Payroll and Accts Pay				633,469.28	