

January 26, 2023

Andreas Bisbikos
Town of Colchester
127 Norwich Ave.
Colchester, CT 06415

Location: Parking Lot

Dear Andreas,

On behalf of Artis Energy Solutions ("Artis"), thank you for the opportunity to present the town of Colchester ("Colchester") with a proposal for a turnkey project for a dual-port, Level 2 Charging Station.

Artis developed the scope based on site visit and feedback from Colchester. Accordingly, the proposal was developed to include the scope of work, financial summary with applicable incentives, along with networking and warranty options. Both the first-year investment and five-year with prepaid networking and warranty were included for comparison.

This project is expected to qualify for the full \$20,000 of incentives.

Both ChargePoint and SemaConnect EV charging stations are proposed as options and provide a Level 2 charging rate that would add 20-25 miles of range per hour at the 30 amp per port rating. See overview of brands below:

- ChargePoint CT4000: Integrated hardware and software program. #1 market share of Level 2 EV chargers.
- SemaConnect Series 748: Integrated hardware and software platform; recently acquired by Blink Charging.
- Reference brochures provided in appendix.

Artis has over a decade of expertise working with Eversource and UI and has been providing EV station solutions since 2019. Upon request, Artis will provide multiple references.

On behalf of Colchester, Artis will assemble and submit the EV incentive application and payment forms to avoid burdening you with additional paperwork. Let us know if there is anything else we can provide to earn your business.

Warm Regards,

Gene Bloxsom and the Artis Team
Artis Energy Solutions
C: 203-232-5964

I. SCOPE OF WORK

This section includes the sitework details, drawings, and proposed pricing for the site.

A. Town of Colchester

The site includes a turnkey EV proposal including labor and materials for installation of one (1), dual-port, EV Station, rated at 30A per port, allowing two (2) cars to charge simultaneously. Each car would add 20-25 miles of range per hour charging.

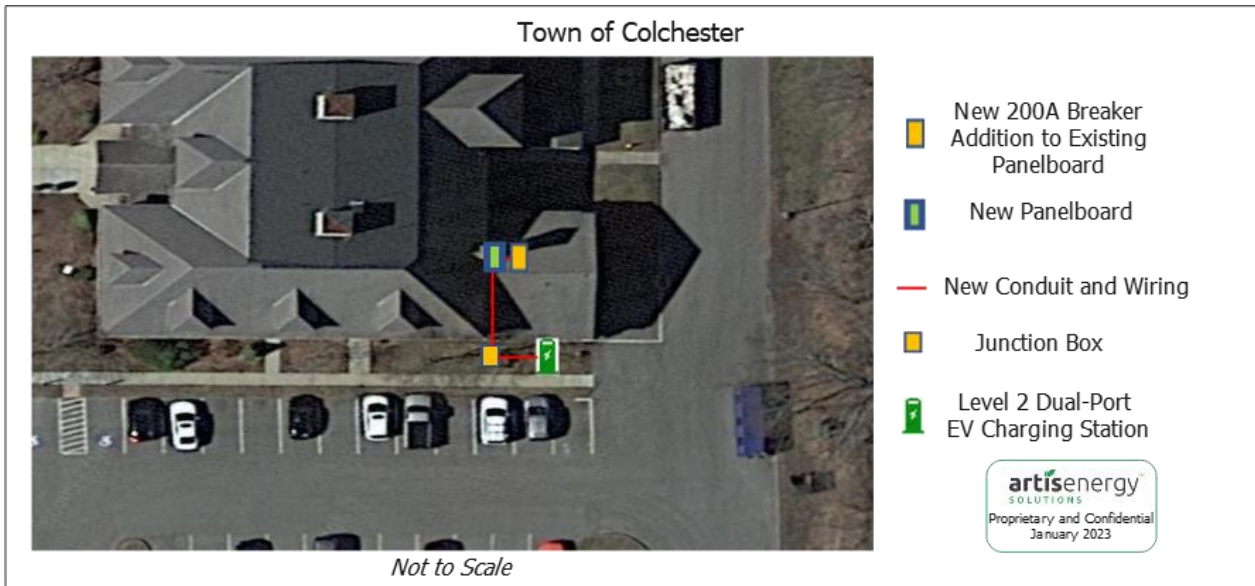
1. Detailed Make Ready Sitework:

Artis will provide a turnkey installation including furnishing, installing the EV station, and completing the make ready sitework as described in the table.

Category	Description	Responsible Party
EV Incentive Application Submission	On behalf of Colchester, complete and submit entire EV Incentive application for this site, including all required documentation and drawings.	Artis
Pull Permit	Cost and pulling of permits included for site.	Artis
Measurement of Cell Signal Strength and Quality	Measurement with cellular signal/quality meter to confirm signal strength and noise to ensure the stations will be available on network and all functionality is available.	Artis
Circuit Breaker	Furnish and install a 200A breaker in panelboard PRL2 located in the main electrical room.	Artis
New 200A 120/208V 3Ø Panelboard	Furnish and install a new panelboard in the main electrical room.	Artis
Circuit Breakers	Install quantity 2, 2-pole breakers in panelboard to feed the EV station.	Artis
Conduit and wiring	Run conduit and wiring from the new electrical panel out of the main electrical room across the ceiling to exterior wall from wall to the EV stations.	Artis
Future Proofing	Conduit with be sized to provide contingency for an additional quantity 2 EV stations at the 30A charging. No futures are available if 48A EV charger is selected.	Artis
Prefabricated Concrete Bollards	Furnish and install two bollards, two in front of the EV station to provide protection (non-incentivized).	Artis
EV Station Installation	Mount and secure the EV station to the concrete base.	Artis
EV Station Activation	Activate and locate the station on the network.	Artis
EV Station Commissioning	Certify and commission installation for manufacturer to start warranty; provide training.	Artis
EV Payment Form	On behalf of Colchester, Artis to develop and submit payment form package after project is installed.	Artis

2. Proposed EV Charger Location:

The proposed location for the EV Charging station is shown in the following drawing.



3. Financial Summary:

The following chart shows the total first-year investment in section A. Section B of the table includes the total with prepaid networking and prepaid full coverage warranty options. See accompanying notes in section 4.

Town of Colchester Level 2 Dual Port EV Charging Station Options		
A. EV Charging Station and Sitework Pricing		
Description	ChargePoint CT4000	SemaConnect Series 748
Level 2, Dual-Port EV Station, Net Each	\$9,190	\$6,340
Shipping Estimates	\$275	\$275
Quantity	1	1
EV Hardware Subtotal	\$9,465	\$6,615
Artis Make-Ready Scope of Work	\$26,036	\$26,036
Installation of Bollards	\$1,080	\$1,080
Networking Year 1	\$690	\$0
Subtotal Project Gross	\$37,271	\$33,731
Incentive Calculation		
EV Station Incentive	-\$4,733	-\$3,308
Applicable Site and Make-Ready Incentive	-\$15,268	-\$16,693
Estimated Total Incentives	-\$20,000	-\$20,000
Project Net After Incentives	\$17,271	\$13,731
B. EV Charging Station and Sitework Pricing with 5-Year Prepaid Networking and Warranty, if available		
EV Stations and Sitework	ChargePoint CT4000	SemaConnect Series 748
Project Net After Incentives	\$17,271	\$13,731
5- Year Prepaid Networking	\$2,080	\$3,116
5-Year Pre-Paid Warranty	\$2,620	
Total Net Five Year Package with Prepaids	\$21,971	\$16,847
Confidential to Artis Energy Solutions		

Note: Sales tax not included and will be added at time of invoicing.

4. Financial Summary Accompanying Notes:

- **Networking:** The software subscription service allows for networking and customizable pricing, remote diagnostics, reporting, and the ability to provide EV driver access and information via EV charger app and other mobile map apps to determine charger availability.
- **Eversource incentive program** requires 5 years of networking as a requirement of acceptance of their incentive dollars.
- **Premium Materials and Labor Warranty:** This covers materials and labor and is recommended because one of the biggest issues is non-working EV chargers.
- **SemaConnect** includes both first-year networking and first-year full parts and labor warranty in pricing. The five-year prepaid options include the networking and premium warranty as a package.

- ChargePoint's standard warranty is one-year parts-only.
- Section B of the Financial Table shows a total five-year investment for prepaid networking and warranty that is bundled and offered as a discount versus purchasing annually.
 - Networking is required over a five-year period and can be paid annually or prepaid over five years.
 - The full parts and labor warranty is optional but highly recommended because a big issue is charger downtime, so either an annual or prepaid plan is recommended.
 - The ChargePoint and SemaConnect warranties are provided directly through the manufacturers.
- **Sales tax to be added at time of invoicing.**

II. NEXT STEPS

1. Colchester to review and sign proposal with selected networking and warranty options.
2. By signing, Colchester authorizes Artis to submit the EV application and required documents on their behalf and commits to work collaboratively to provide Artis with any needed documentation to streamline applications and installation.
3. Artis requires the utility bill for the site in order to submit the EV application.
4. In order to authorize Artis to submit incentives on your behalf, an LOA - letter of authorization will be provided for your review and signature, via PandaDoc for digital signing.
5. Once this document is signed and Utility incentive reward received and signed, Artis to develop installation implementation timeline.

III. TERMS AND CONDITIONS

Artis Energy Solutions, LLC (“Contractor”), located at 362 Industrial Park Road, Suite 7, Middletown, CT 06457 is a leading Energy Solutions and Electrification contractor. The town of Colchester (“Company”) owns the site (“Facility”) identified in the proposal and has chosen to engage in turnkey electric vehicle charging station installation project at this Facility, utilizing the services of the Contractor.

The terms of this document stipulate that the (1) Company provides authorization to the Contractor to submit the EV Incentive application on their behalf; (2) The Company to provide access to site as needed for prep and make ready work; and (3) The Contractor to review any unforeseen changes with the Company for review and approval, as needed.

Subject to the Company signing this agreement and receiving the Eversource incentive approval with the projected incentives, the Company agrees that Contractor will be entitled to the Net Project Price after incentives, which includes the networking and warranty options selected by the Company. **Sales tax to be added at time of invoicing.** Payment terms as follows:

Timing	Amount	Payment Terms
Upon Signing of Proposal	50% of Net Project Price	14 days
Upon Completion of Installation	50% of Net Project price	14 days

The Utility will pay the Incentive directly to the Contractor upon completion and approval of the Project installation. The Contractor will order materials for the make ready after EV incentives awarded, and the first milestone payment has been received.

Preferred payment method is via ACH with bank information below:

Artis Energy Solutions
 Bank/Wiring/ACH Information

 Bank Name: Webster Bank
 Address: 5 Coles Rd, Cromwell CT 06416

 Name on Account: Artis Energy Solutions, LLC
 ABA #: 211170101
 Account #: 10 0010672255
 Account Type: Checking

Conditions found during the installation phase of the Project may require adjustment to cost. If unforeseen changes are identified, the Contractor will review with Company for approval and provide change order for agreed-to changes. Installation will be scheduled Monday through Friday during the hours of 7AM - 5PM. Contractor will ensure installation schedule(s) are coordinated in advance with the Company. Any additional work that will require an increase in cost will be agreed upon by Contractor and Company prior to implementation.

The Company understands, acknowledges, and agrees that there will be substantial effort undertaken and costs incurred by Contractor in reliance upon the EV Standard Agreement (including with respect to any additions to the scope of work thereunder made at its request). These costs may include, without limitation: costs associated with site visits, system design and layout, meetings, and utility management and reporting (incurred on an hourly basis); the cost of materials procured for the Project and labor relating to their installation; restocking fees, including, without limitation, direct costs for material and labor cancellations due to changes requested by the Company; and



demobilization and rental reimbursement fees associated with the removal of equipment and materials from the Facility and the restoration of existing systems to their state as of the commencement of our work.

Thank you for allowing Artis the opportunity to work cooperatively with you to address your EV Charging needs. By signing below, Company hereby agrees to engage the Contractor as outlined.

PROJECT ACCEPTANCE BY:

CUSTOMER NAME: _____

CUSTOMER SIGNATURE & DATE: _____

PRINT NAME: _____

ARTIS ENERGY SOLUTIONS, LLC:

SIGNATURE & DATE: *Daniel G. Robertson* 1/26/23

PRINT NAME: Daniel G. Robertson

CT4000 Family

ChargePoint® Level 2 Commercial Charging Stations

The CT4000 family is the latest generation of ChargePoint commercial charging stations. Refined yet rugged, these stations set the industry standard for functionality and aesthetics.

The CT4000 full motion color LCD display instructs drivers and supports dynamic updates of custom branded videos and advertisements.

Intelligent power management options double the number of parking spaces served by allowing two charging ports to share a single circuit. Sites with single port EV stations can upgrade to dual port stations without requiring additional electrical services.

The CT4000 is the first ENERGY STAR® certified EV charger because it charges efficiently and conserves power when not charging. As an ENERGY STAR certified EV charger, the CT4000 uses significantly less energy than a standard EV charger when in standby mode to help you save money on your utility bill.

All CT4000 models offer one or two standard SAE J1772™ Level 2 charging ports with locking holsters, each port supplying up to 7.2kW. With this standard connector, ChargePoint level 2 stations can charge any EV.

Stations are available in bollard and wall mount configurations for easy installation anywhere. All stations are fully software upgradeable remotely over the air.

Stations come in both 6' and 8' tall models with 18' and 23' cords, respectively. With multiple options for size and cord reach, your station can service up to four parking spaces, reach all car models regardless of parking style or car sizes and increase the usability of your EV spots.

Driver Friendly User Interface

- + Instructional video shows how to use the station
- + Multi-language: English, French, Spanish
- + Touch button interface; works in rain, ice and with gloves
- + Backed by ChargePoint's world class 24/7 driver phone support

Easily Communicate with Your Drivers

Whether you're a retail establishment wanting to advertise your latest product, a workplace looking to communicate with employees or a municipality wanting to welcome visitors, ChargePoint's prominent LCD screen makes it easy to reach EV drivers:

- + Daylight readable, with auto brightness control
- + 640 X 480 resolution active matrix
- + Full motion 30fps video support
- + Upload up to 60 seconds of high quality video on a color LCD screen to individual stations as often as desired
- + Brand your charging stations to communicate with drivers
- + Instructional video in English, Spanish or French



The First
ENERGY STAR®
Certified EV Charger

Service Products and Support

ChargePoint offers world-class service products and support that help ensure quality of work, save time and money, protect your investment and enhance the productivity of your charging stations. From site planning to installation and setup, to ongoing care and management, when you choose ChargePoint, you're covered.

- + **ChargePoint Configuration and Activation:** customized setup and activation of your stations
- + **ChargePoint Assure:** the most comprehensive EV Station maintenance and management in the industry

Energy Measurement and Management

- + Real-time energy measurement
- + 15 minute interval recording
- + Time of Day (TOD) pricing
- + Load shed by percentage of running average or to fixed power output

Minimize Costs with Flexible Power Management Options

In the vast majority of applications, a full power configuration is the best choice for both station owners and drivers. However, when drivers are parked for a longer time, an intelligent, lower power output can save station owners considerable installation cost while still providing drivers a great charging experience. With flexible power options, station owners can meet the needs of drivers while lowering costs:

Power Select (Patent Pending)

- + Allows for a lower capacity (less than 40A) circuit to power each port
- + Cuts installation costs by reducing the cost or even avoiding the need to upgrade panels or transformers

Power Sharing

- + Dynamically share one 40A, 30A or 20A circuit between two parking spaces
- + Doubles the number of parking spots served while reducing installation and operating costs
- + Allows station owners to upgrade a single port station to dual port to serve more drivers with no electrical upgrade

Clean Cord Technology

- + Keep charging cords off the ground
- + Standard on all models
- + Ultra-reliable second-generation gravity operated mechanism
- + Flexible over entire -40°F to +122°F product temperature range

Safe, Reliable, Energy Efficient Hardware

- + UL listed, meeting the stringent requirements of the nation's leading safety standards organization
- + Stations are rugged, built to withstand the elements
- + Safe, Reliable and Energy Efficient
- + ENERGY STAR certified, charges efficiently and conserves power when not charging

When Charging is Mission Critical, Protect Your Investment with ChargePoint Assure

- + **Minimize downtime:** ChargePoint Assure provides the most comprehensive EV Station maintenance and management in the industry
- + **Get up and running quickly and flawlessly:** Professional guidance for station configuration saves you time, and unlimited changes to station policies flexibly supports your business
- + **Eliminate unexpected future expenses:** Cost for parts and on-site labor to install is covered for all Assure eligible repairs
- + **One less thing to worry about:** Proactive station monitoring provides you with regular reporting
- + **Reduced risk of downtime:** We guarantee 98% annual uptime and one business day response to requests
- + **Support when you need it:** We're there for you *and* your drivers. Phone support available for station owners Monday to Friday from 5 AM to 6 PM Pacific. Phone support for drivers is 24/7/365, so you never need to field a driver call

Ultra-reliable second-generation gravity operated mechanism.

18' and 23' cords to reach all car models and serve more parking spaces.

World-class 24/7 driver phone support.

Instructional video shows how to use the station. Multi-language charging instructions, giving drivers the choice of English, French or Spanish.

Driver interaction is supported in any weather by five rugged, back-lit buttons with audio feedback.

Strong and rugged design materials built to withstand the elements.

CT4000 stations come with 18' or 23' cords to increase the usability of your charging spots, on 6' and 8' tall models respectively.

CT4021

Dual-port bollard charging station with 18' charging cables. Standard *EV Charging Only* sign without optional custom branding.



Promote Your Brand and Business

Having your stations installed in a visible location makes a bold statement about your business' commitment to sustainability and shows that you care about your customers. ChargePoint CT4000 stations are built for customization so you can conveniently promote your brand as well. With custom signage and video you can:

- + Increase brand recognition
- + Attract EV drivers by making sure your stations are highly visible
- + Ensure EV charging installations are consistent with the look and feel of your brand
- + Differentiate your stations from standard ChargePoint stations to make them easily identifiable by your driver base



Branded CT4021
Shown with optional
branding on bollard.
18' cords on 6' model.

Easily customizable branding area.
All stations come with *EV Charging Only* sign, which can be replaced with your custom signage.

5.7" color LCD display for customizable video content.

Upload up to 60 seconds of high quality video to individual stations as often as desired.

Daylight readable with auto brightness control.

OPTIONAL:
Additional customizable branding areas.

All stations have standard extrusions to hold your custom signage.

Artwork templates and material specifications are conveniently downloadable from chargepoint.com



Branded CT4025
Shown with optional
branding on back.
23' cords on 8' model.




Bollard Charging Stations



Wall Mount Charging Stations



Contact Us

-  Visit [chargepoint.com](https://www.chargepoint.com)
-  Call +1.408.705.1992
-  Email sales@chargepoint.com



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The Series 7 EV Charging Station

The Smart EV Charging Station
Managers Can Rely On



Simplified Station Management You'll Be Amped About

The Series 7 smart charging station enables station owners to build the charging infrastructure needed to support an EV charging network, and the benefits that come with it.

With its compact form factor, ease of installation, commercial-grade aluminum body, and ENERGY STAR certification, the Series 7 charging station is the perfect solution for your business or fleet.

Features

The SemaConnect Cloud provides fleet operators with unparalleled insight, access, and control over EV Charging station deployments.

- **4G LTE Wireless Technology** – The Series 7 communicates with the cloud via built-in 4G LTE signal
- **Rugged Aluminum Enclosure** – Prevents damage from nature and natural elements
- **Interactive LED Lights** – Quickly locate stations and understand their status with a bright LED light
- **Four-Line Backlit LCD Screen** – Easily read pertinent station information
- **Built-In Electricity Metering** – Manage electricity cost with an intuitive, smart network connection
- **Two Universal J1772™ Plugs** – Charge all electric or plug-in hybrid electric vehicles, including medium- and heavy-duty trucks and buses
- **Convenient Access Panel** – Panel makes installation and connectivity a breeze
- **API Integration** – Create a 360-degree view of your operations and provide dependable charging experiences
- **Optional Fleet Management Software** – Module delivers powerful capabilities to help you configure, track, and manage your fleet

Series 7 EV Charging Station: Technical Specifications

At SemaConnect, we provide a comprehensive turnkey solution for all of our customers to ensure that your electric vehicle charging station program is implemented and runs smoothly.

We'll guide you through the site selection for your new stations, help you select the appropriate station and mounting options, provide input on station installation, and even connect you with a local installer.



Electrical

AC Power Output, Maximum (Per Port)	Level II: 11.52 kW (240VAC@48A) or 9.984 kW (208VAC@48A)
AC Power Input (Per Port)	Level II: 48A; Line 1, Line 2, and GND (no neutral)
Vehicle to Charger Connection (Per Port)	SAE J1772 EV Connector
Energy Metering Accuracy	+/- 1%
Standby Power (Per Port)	3.46 W Typical
Service Panel Breaker (Per Port)	Dual-pole common trip 60A breaker, dedicated circuit
ENERGY STAR	Compliant
California Type Evaluation Program (CTEP) Compliance	Certified

Safety

Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec: SMS or email notification
Surge Protection	6kV @3,000A
Safety & EMI Compliance	UL 2231-1, 2231-2, UL 2594, NEC Article 625, FCC Part 15 Class A

Network

Data Communication	Cellular 4G LTE
Communication Protocol	OCPP Compliant
Firmware Management	Over-the-Air (OTA) update enabled

User Interaction

LED Array	High visibility, multi-color visual status indication
Display	LCD Screen - 4 line, 20 characters per line
RFID Reader	ISO14443 Type A & B, MiFare, Felica, NFC, ISO15693

Environmental

Enclosure	Aluminum, NEMA 3R outdoor rated
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30 degree C to +50 degree C ambient

Mechanical

Dimensions	20.5" H x 7.4" W x 7.4" D
Approximate Weights	Device: 21 lbs., pedestal mount: 12.5 lbs., wall mount bracket: 11.5 lbs.
Installation	Indoor / Outdoor
Mounting Option	Integrated wall and pedestal mount
Cable Length	18 ft. standard, 25 ft. optional