Shared Services Project Authorization Form

Project Title: New London New Truck Canopy	**Project Number:** 237121
Date Prepared: 06/25/2024	**Company:** CL&P Electric Distribution 11 Choose an item. Choose an item.
Organization: Real Estate and Property Management	**Class(es) of Plant: Building Structure**
Project Initiator: [redacted]	**Authorization Type:** Full Funding
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	Electric Operations has vehicles that require coverage from the weather and do not fit under the current canopy.
Estimated in service date: 11/15/2024	**Capital Investment part of original Operating Plan:** Yes
Total Capital Request: $ 2,007,325	**O&M Expenses part of request:** No
Estimated Life of Asset (check one): ☐ 5yrs ☐ 10yrs ☐ 15yrs ☐ Other:_____	**Emergency Related Request?** No

Executive Summary

A project authorization for $2,007,325 is being requested to fund the construction of a new truck canopy at the New London Area Work Center for Electric Operations. Electric Operations currently has bucket trucks that require coverage from the weather and there is not any available space beneath the current building canopy. Keeping bucket trucks under cover ensures the readiness of vehicles during emergency and storm response events as well as enhancing worker safety by avoiding the need to remove snow and ice from the open body of the bucket trucks. The project involves a new open canopy structure to shelter 8 service trucks. The canopy will be set into an existing slope and integrated into a previously developed and paved service yard.

Project Costs Summary

See APS3 and APS8 requirements and consult with Plant Accounting for capital/O&M determination. Use published loaders for benefits, materials, and invoices, maintained by the Director, Budget and Internal Reporting.
Note: Dollar values are in thousands

Capital Costs	Year 2024 BLDS	Year 2025	Year 2-__+	Total
Direct Capital Costs				
Internal Labor	$ 35,000			$ 35,000
Outside Services	$ 1,708,212			$ 1,708,212
Removals	$ 120,000			$ 120,000
Risk and Contingency	$ 50,000			$ 50,000
Other				$ -
Subtotal	$ 1,913,212	$ -	$ -	$ 1,913,212
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$ 27,895			$ 27,895
Capitalized interest or AFUDC, if any	$ 66,218			$ 66,218
Subtotal	$ 94,113	$ -	$ -	$ 94,113
Total Customer Contribution				$ -
Total Capital Project Costs	**$ 2,007,325**	**$ -**	**$ -**	**$ 2,007,325**

Costs by Entity				**Total**
Direct Capital	$ 1,793,212	$ -	$ -	$ 1,793,212
Indirect Capital	$ 94,113	$ -	$ -	$ 94,113
Removal net of salvage	$ 120,000	$ -	$ -	$ 120,000
Total Capital Project Costs by Entity	**$ 2,007,325**	**$ -**	**$ -**	**$ 2,007,325**

O&M Costs	**Year 2024**	**Year 2025**	**Year 20__**	**Year 20__**
Labor				
Outside Services				
Materials				
Training				
Other				
Total O&M Related Costs	**$ -**	**$ -**	**$ -**	**$ -**

Software as a Service (SaaS):

SAAS*	Year 20__	Year 20__	Year 20__	Year 20__
Capital				
O&M				
Total				

**Identify any vendor software costs in this table and indicate whether or not they are included in the Project Costs Summary above. Identify capital vs. O&M costs based on parameters found in the vendor SaaS calculation document in the appendices. Ensure any future software O&M costs are also disclosed within the Future Costs section below.*

Alternatives Considered:

If Yes to any of the following, please provide a detailed explanation in the appendix section

Were project alternative solutions considered/applicable?
Alternatives were considered (please describe below)

Were Energy Efficiency Design alternatives considered?
No

Were Carbon Reduction Design alternatives considered?
No

Regulatory Requirements:

If yes, provide a detailed explanation in the appendix section
No

If yes, provide a detailed explanation in the appendix section
Choose an item.

Future Costs:

Future Costs	Year 20__	Year 20__	Year 20__	Year 20__
Capital				
O&M				
Other				
Total Future Costs				

Future O&M represents:

What functional area(s) will these future costs be funded in (include manager and CCC)?

Future Financial Benefits:

If yes, provide a detailed explanation in the appendix section

Choose an item.

Project Justification:

The New London Area Work Center is located at 63R Myrock Avenue in Waterford CT. Currently the building has space for 11 trucks under cover. The growth of Electric Operations and the addition of trucks and has warranted the design and construction of an additional canopy to support 8 more vehicles. During the Facilities consolidation project in 2014, it was determined that all bucket trucks would be placed under cover as a standard. This was to ensure the readiness of vehicles during emergency and storm response events as well as enhancing worker safety by avoiding the need to remove snow and ice from the open body of the bucket trucks.

The project scope of work includes:

· Alterations to local grading, pavement, and stormwater management system.
· Rework or replacement of existing lawn, walkways, steps and retaining walls.
· Open air structure with no enclosed functions or tempered spaces, i.e., storage, restrooms, etc.
· Steel framing with single shed roof and roofing system with rain leaders.
· Weather-resistant finishes, ceilings, and lighting.
· Technical capabilities such as:
· CO exhaust
· Vehicle chargers
· Block heaters
· Proper safety features and security devices, and cameras.

Project Schedule:

Milestone/Phase Name	Estimated Date
Design	March 2024
Construct	July 2024-November 2024
Test	
In Service Date	November 2024

Risks and Risk Mitigation Plans

List top risks and mitigation plans associated with this project (from Table in the Appendix). Include any contingency related to each risk.
(Permitting/siting; environmental; outage constraints; customer/community outreach; material delivery; constructability challenges; excavation; etc.)

Scope Creep: As with many projects, changes in project scope impacts budgets and schedules. To minimize scope changes, Electric leadership located at the site, was engaged in planning exercises, plan review and ultimately signed off on the plans and specifications for the canopy. In addition, a preliminary budget was completed by one of our MSA Construction Managers. A complete set of architectural and engineering drawings were completed and one of our Master Service Agreement construction managers was asked to bid to three sets of sub-contractors. Their bids were reviewed for completeness and accuracy.

Appendices

Reference appendices items in the appropriate section of the PAF and list items in the same order as referenced in the PAF.

- ***Alternatives Considered***

Two alternatives were considered:

1. Purchasing the adjacent property and moving the Canopy to the center of the yard
   This option included moving Gas Operations to a newly acquired building adjacent to 63R Myrock Avenue. This would have allowed the material storage yard to be relocated and thus the vehicle canopy could have been in the center of the storage yard, eliminating concerns with the existing grades and retaining walls. However, the building owner engaged in a long-term lease and this option was no longer viable.
2. Keep the vehicles open to the weather.
   This option was considered but based upon the reasoning of the standards implemented in 2014 during the Facilities consolidation plan (vehicle readiness during emergency and storm events; worker safety) this option was not pursued.

- ***Future Financial Benefits:***

If the project has future financial benefits, please use the following table to provide the yearly amounts.

Financial Benefits	Year 20__	Year 20__	Year 20__	Year 20__
O&M reductions				
Other (i.e: return on investment, revenues)				

Total Financial Benefits				

Describe the estimated future financial benefits noted above:

What functional area(s) will these benefits be reflected in?_____
A representative from the respective functional area is required to be included as a project approver.

- ***If the project has regulatory requirements, please disclose here***

Analysis of Vendor Software Payments for Cloud-Based Software Applications Hosting Fees ONLY

This document ONLY needs to be utilized if Eversource Energy is entering into a Cloud-Based Application and the Application has Hosting Fees which are also referred to as; Hosted Solution, Cloud Fees, Cloud Solution, Enterprise Agreement (EA), Enterprise License Agreement (ELA), Licensing Fee, RTU's (Rights to Use), Maintenance Agreement, Support & Service Agreement.

Project Name:

Complete the following analysis of vendor software payments for cloud-based software applications for the *hosting fees only* (as defined above):

- Accounting should be determined by Plant Accounting Services during PAF development.
- Attach documentation or information from IT supporting the nature of software payments.
- Also see APS 3 for capitalization policy for software costs.

NOTE: A pro rata portion **of the hosting fees** incurred during the development phase (described below) may be capitalized up to the point when the product goes **in-service**.

Development phase: In accordance with APS 3, SaaS/Cloud projects that do not meet the two capitalization criteria as outlined in APS 3 may have internal and external direct costs during the development phase (**prior to in service date**) that may be capitalized. External direct costs may include the pro-rata portion of an up-front software usage fee applicable to use of the software to develop the project before it is in service. Indicate below pro rata portion of development phase hosting fees requested to be capitalized:

Development phase: # months (provide support) (A) _____

÷ Total hosting contract period: # months (B) _____

= Pro rata portion that may be capitalized (A) ÷ (B) _____%

Total hosting fees over contract period $_____

Development phase amount requested to be capitalized (% x Total fees above) $_____
For costs after development phase, complete PAF break-out of capital/expense.